

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023747.D
 Acq On : 23 Jan 2023 11:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020390

Quant Time: Jan 23 23:59:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 20 23:02:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2023
 Supervised By :mohammad ahmed 01/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	249017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	1064022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	605275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1144665	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	933385	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	935260	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	49926	8.628	ng/uL	0.00
4) Pyridine-d5	3.699	84	341303	19.658	ng/ul	0.00
7) Phenol-d5	7.052	99	406094	18.400	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	262963	19.422	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	325238	19.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	309634	17.578	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	150711	18.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	158210	18.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	293892	18.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	429186	16.842	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	786732	17.473	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	947622	18.995	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	138649	15.126	ng/ul	0.00
60) Fluorene-d10	15.528	176	635846	16.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	99531	14.414	ng/ul	0.00
73) Anthracene-d10	17.386	188	1003394	19.589	ng/ul	0.00
81) Pyrene-d10	19.680	212	1048132	19.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	852248	18.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	52954	8.669	ng/uL	98
5) Pyridine	3.722	79	350565	19.724	ng/ul	94
6) Benzaldehyde	7.028	77	184866	21.629	ng/ul	99
8) Phenol	7.081	94	417830	18.599	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	340024	19.155	ng/ul	99
12) 2-Chlorophenol	7.452	128	333004	19.065	ng/ul	99
13) 2-Methylphenol	8.340	108	302824	17.912	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	462671	19.489	ng/ul	99
16) Acetophenone	8.722	105	495262	18.191	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.704	70	255779	18.658	ng/ul	98
18) 4-Methylphenol	8.669	108	330301	17.741	ng/ul	97
19) Hexachloroethane	8.969	117	137101	19.625	ng/ul	98
22) Nitrobenzene	9.099	77	387183	19.281	ng/ul	98
23) Isophorone	9.628	82	675845	18.609	ng/ul	100
25) 2-Nitrophenol	9.816	139	174593	18.493	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	351678	18.355	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.110	93	441379	18.737	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	288323	17.786	ng/ul	98
30) Naphthalene	10.751	128	1058355	18.503	ng/ul	99
32) 4-Chloroaniline	10.863	127	427638	16.756	ng/ul	98
33) Hexachlorobutadiene	11.034	225	183040	18.256	ng/ul	99
34) Caprolactam	11.640	113	78097m	14.344	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	307876	17.418	ng/ul	98
36) 2-Methylnaphthalene	12.363	142	679348	17.817	ng/ul	98

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Quant Title : SVOA CALIBRATION

QLast Update : Fri Jan 20 23:02:18 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	690667	17.730	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.728	216	337681	18.864	ng/ul	96
40) Hexachlorocyclopentadiene	12.710	237	215256	19.079	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	212547	18.012	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	237971	18.441	ng/ul	87
43) 1,1'-Biphenyl	13.375	154	877801	18.798	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	679920	18.767	ng/ul	99
45) 2-Nitroaniline	13.622	65	185511	18.568	ng/ul	97
47) Dimethylphthalate	13.998	163	810641	17.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	151811	17.749	ng/ul	99
50) Acenaphthylene	14.257	152	1058917	19.090	ng/ul	99
51) 3-Nitroaniline	14.445	138	144738	16.886	ng/ul	99
52) Acenaphthene	14.604	153	706991	18.078	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	55667	9.958	ng/ul	95
55) 4-Nitrophenol	14.751	109	113250	15.299	ng/ul	97
56) Dibenzofuran	14.934	168	970526	17.829	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	214406	17.171	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	187900	16.993	ng/ul	99
59) Diethylphthalate	15.357	149	744453	16.426	ng/ul	98
61) Fluorene	15.586	166	684249	15.522	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	337571	15.730	ng/ul	99
63) 4-Nitroaniline	15.610	138	110635	14.019	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.669	198	98858	14.507	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	571520	17.791	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	205902	17.946	ng/ul	96
69) Hexachlorobenzene	16.586	284	238911	17.769	ng/ul	97
70) Atrazine	16.751	200	196579	16.351	ng/ul	99
71) Pentachlorophenol	16.933	266	135529	15.794	ng/ul	99
72) Phenanthrene	17.328	178	1167681	19.038	ng/ul	100
74) Anthracene	17.416	178	1166544	19.111	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.339	216	336438	21.831	ng/ul	99
76) Pentachlorobenzene	14.857	250	314970	20.404	ng/ul	98
77) Carbazole	17.692	167	1032062	18.621	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1192682	18.125	ng/ul	99
80) Fluoranthene	19.345	202	1254873	20.098	ng/ul	100
82) Pyrene	19.710	202	1294026	19.622	ng/ul	99
83) Butylbenzylphthalate	20.610	149	464820	17.803	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	361131	17.712	ng/ul	93
85) Benzo(a)anthracene	21.463	228	1159278	18.336	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	676534	17.847	ng/ul	97
87) Chrysene	21.521	228	1096030	18.489	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	1062101	16.454	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1104671	18.542	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	1074216	18.230	ng/ul	99
93) Benzo(a)pyrene	23.798	252	951834	18.422	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1244325	19.487	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1020041	19.320	ng/ul	98
96) Benzo(g,h,i)perylene	27.203	276	985444	19.379	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

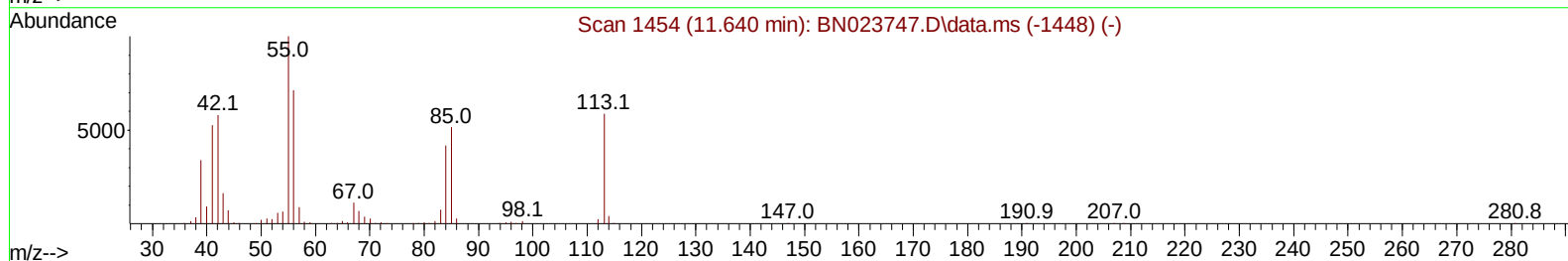
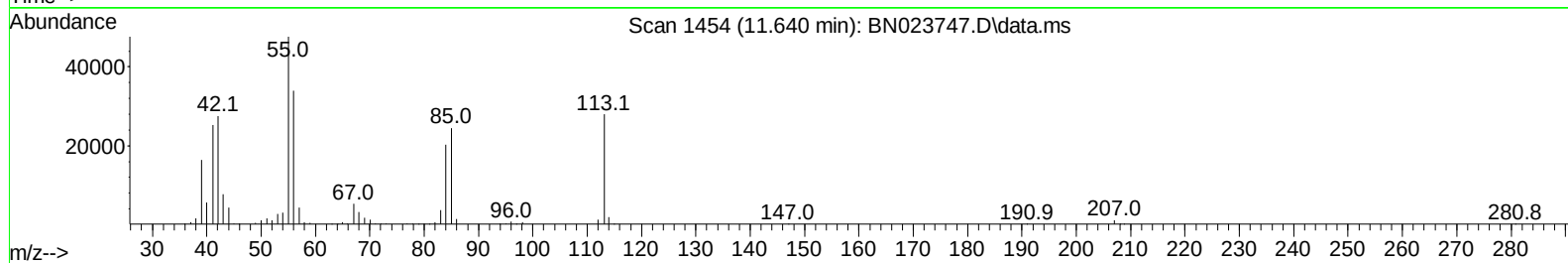
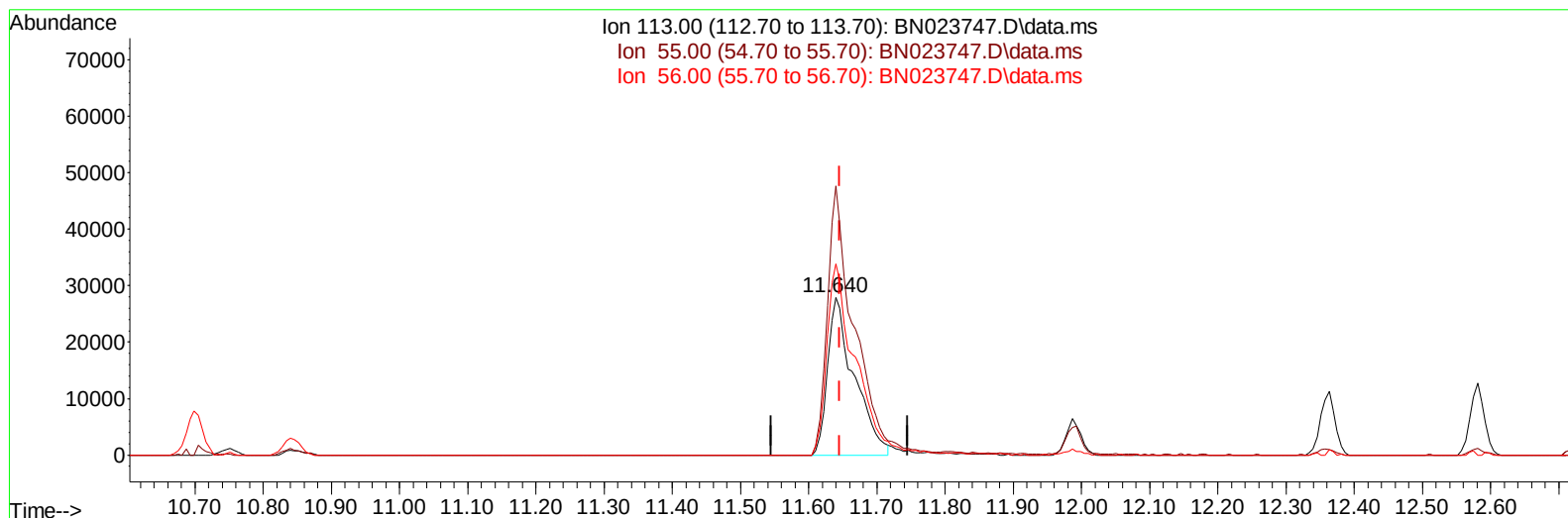
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TIC: BN023747.D\data.ms

(34) Caprolactam

11.640min (-0.006) 13.90 ng/ul

response 75701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	170.33
56.00	117.80	121.26
0.00	0.00	0.00

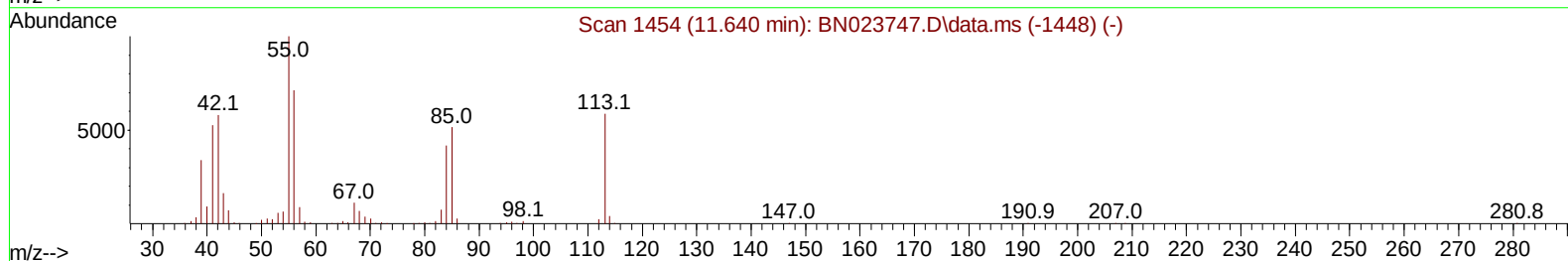
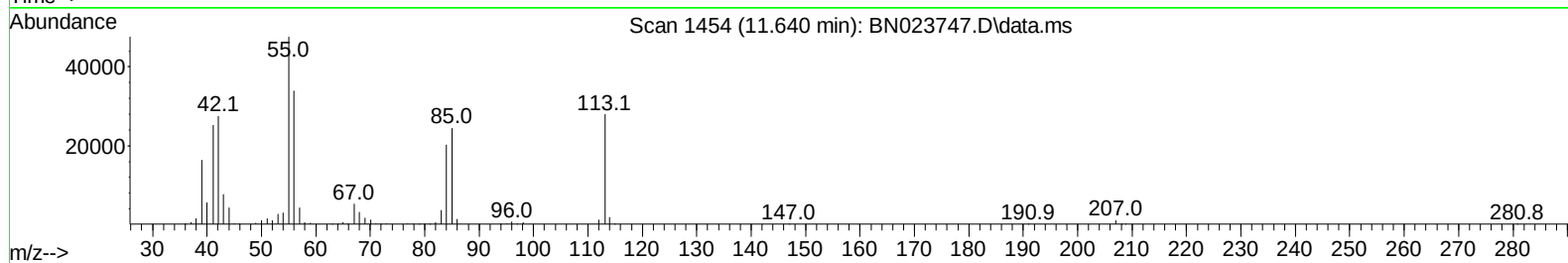
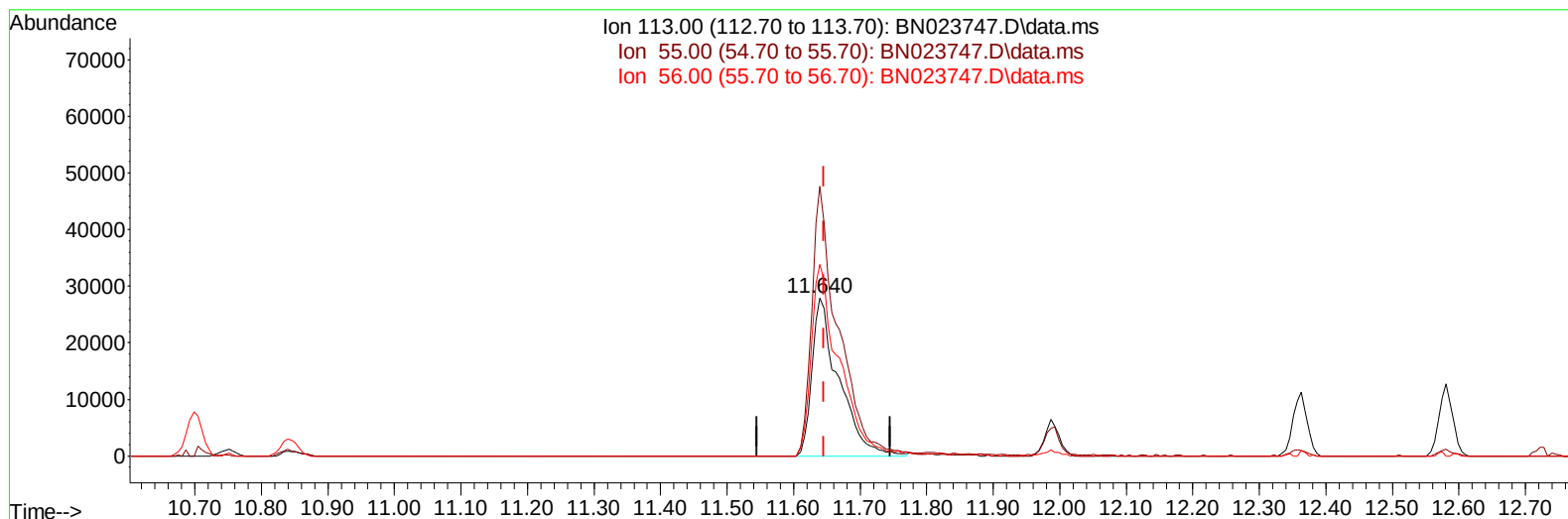
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(34) Caprolactam

11.640min (-0.006) 14.34 ng/ul m

response 78097

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	170.33
56.00	117.80	121.26
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	249017	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	1064022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	605275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1144665	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	933385	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	935260	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	49926	8.628	ng/uL	0.00
4) Pyridine-d5	3.699	84	341303	19.658	ng/ul	0.00
7) Phenol-d5	7.052	99	406094	18.400	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	262963	19.422	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	325238	19.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	309634	17.578	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	150711	18.784	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	158210	18.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	293892	18.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	429186	16.842	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	786732	17.473	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	947622	18.995	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	138649	15.126	ng/ul	0.00
60) Fluorene-d10	15.528	176	635846	16.527	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	99531	14.414	ng/ul	0.00
73) Anthracene-d10	17.386	188	1003394	19.589	ng/ul	0.00
81) Pyrene-d10	19.680	212	1048132	19.635	ng/ul	0.00
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Target Compounds						
					Qvalue	
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37) 1-Methylnaphthalene	12.581	142	690667	17.730	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.728	216	337681	18.864	ng/ul	96
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57) 2,4-Dinitrotoluene	14.904	165	214406	17.171	ng/ul	99
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70) Atrazine	16.751	200	196579	16.351	ng/ul	99
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76) Pentachlorobenzene	14.857	250	314970	20.404	ng/uL	98
77) Carbazole	17.692	167	1032062	18.621	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1192682	18.125	ng/ul	99
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84) 3,3'-Dichlorobenzidine	21.404	252	361131	17.712	ng/ul	93
85) Benzo(a)anthracene	21.463	228	1159278	18.336	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	676534	17.847	ng/ul	97
87) Chrysene	21.521	228	1096030	18.489	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	1062101	16.454	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1104671	18.542	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	1074216	18.230	ng/ul	99
93) Benzo(a)pyrene	23.798	252	951834	18.422	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1244325	19.487	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1020041	19.320	ng/ul	98
96) Benzo(g,h,i)perylene	27.203	276	985444	19.379	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

SSTD020390

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2023
Supervised By :mohammad ahmed 01/24/2023

