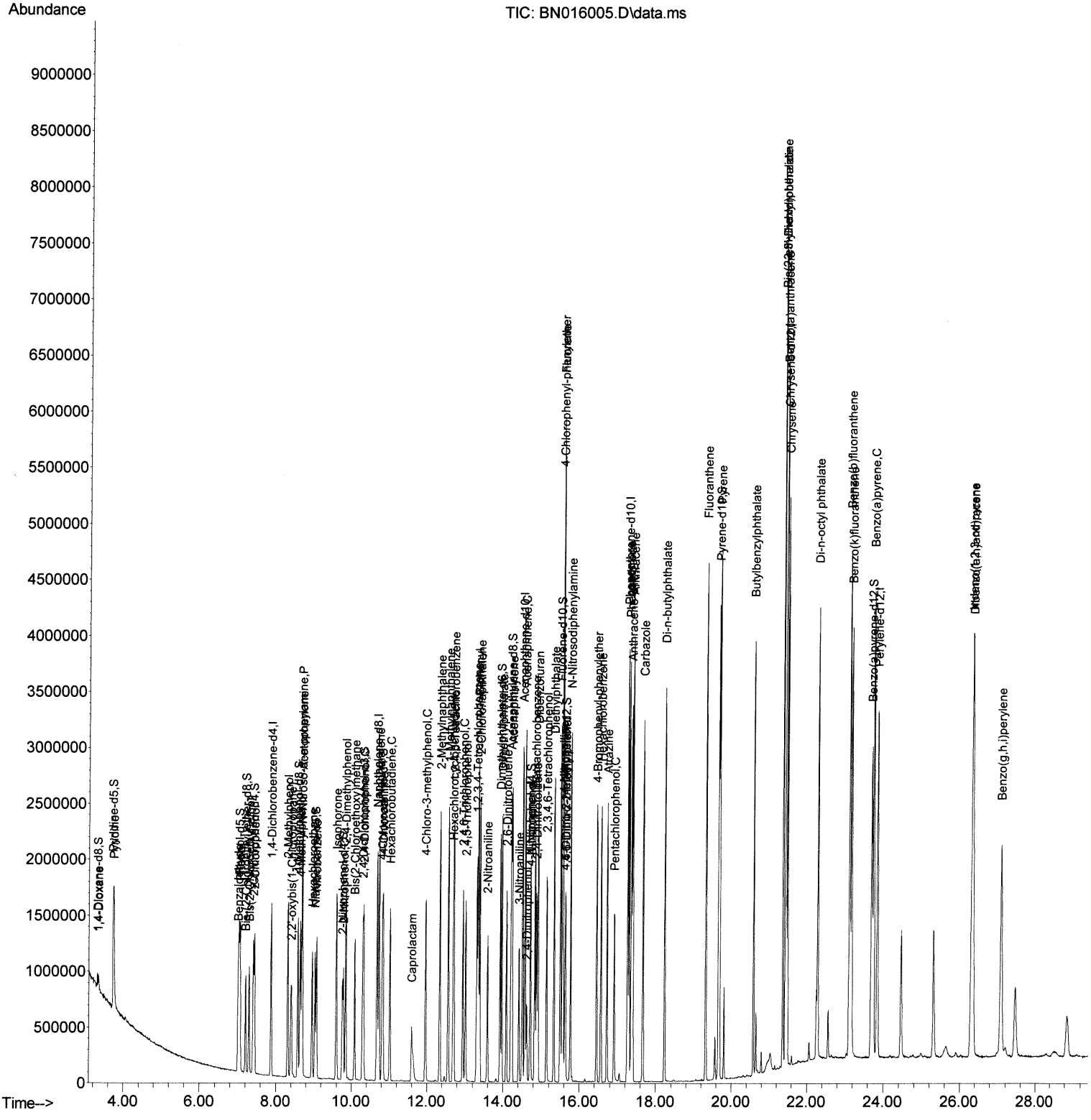
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN016005.D
Acq On : 21 Aug 2021 03:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 05:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/23/2021 4:26:27 PM

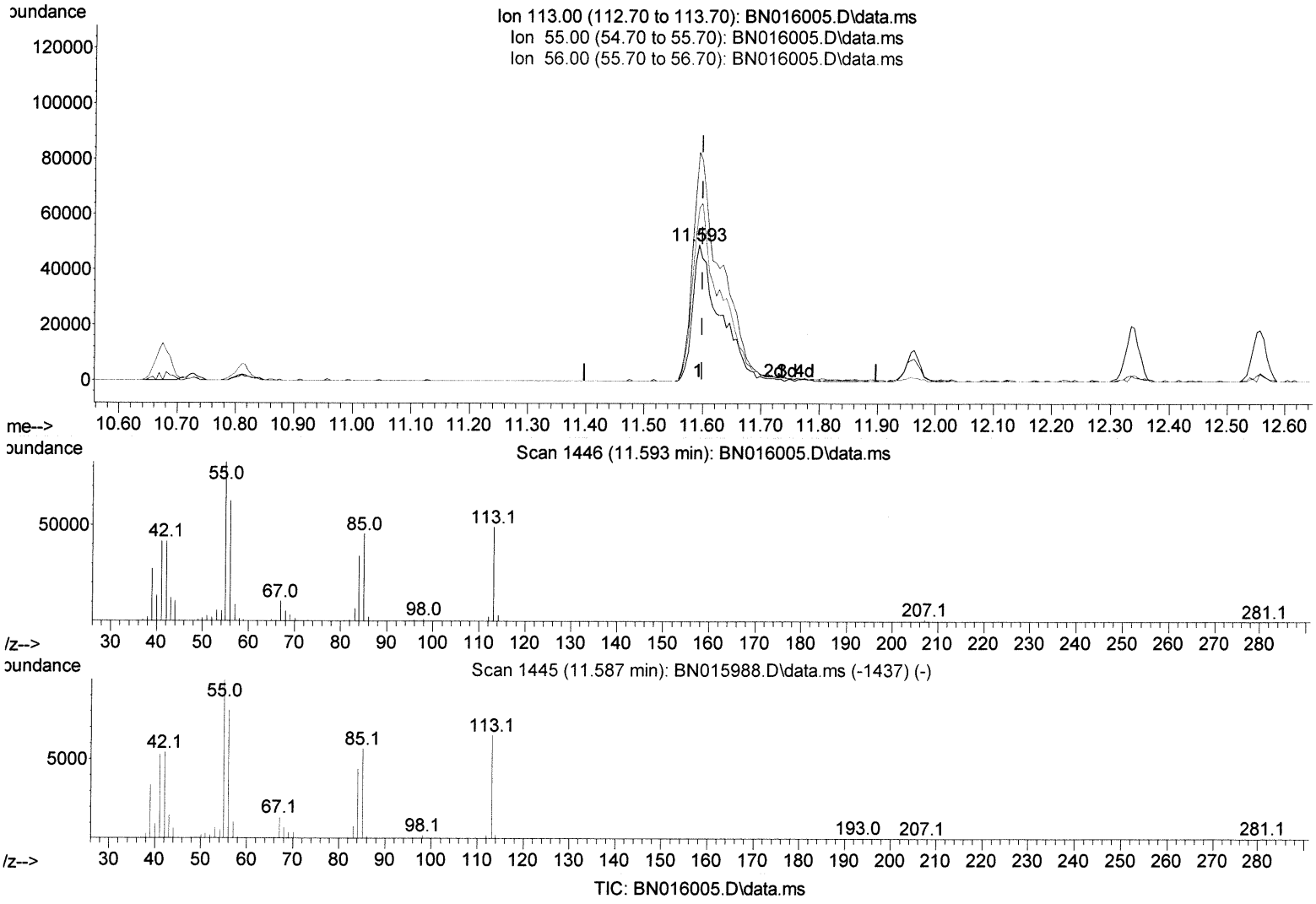


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN016005.D
Acq On : 21 Aug 2021 03:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 05:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/23/2021 4:26:27 PM



(34) Caprolactam

11.593min (-0.006) 14.82 ng/ul

response 115033

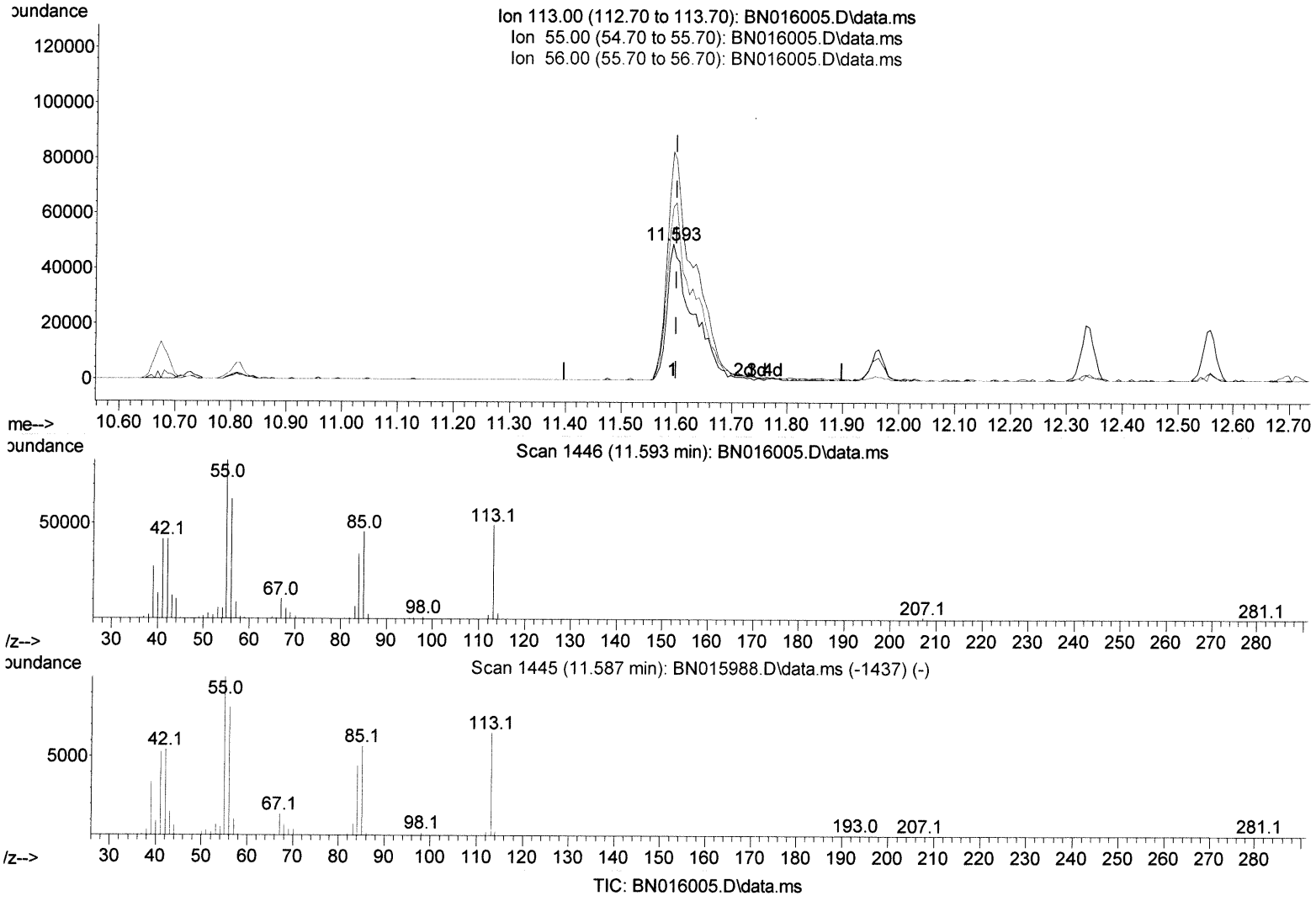
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	168.12
56.00	127.80	127.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN016005.D
Acq On : 21 Aug 2021 03:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 05:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/23/2021 4:26:27 PM



(34) Caprolactam

11.593min (-0.006) 20.77 ng/ul m JU 8/24/21

response 161157

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	168.12
56.00	127.80	127.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN016005.D
Acq On : 21 Aug 2021 03:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 05:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/23/2021 4:26:27 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	404532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1685277	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	1050825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	2244261	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	2289658	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	2269740	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	71519	6.887	ng/uL	0.00
4) Pyridine-d5	3.728	84	500818	17.255	ng/ul	0.00
7) Phenol-d5	7.034	99	657965	17.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	407583	18.091	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	491282	18.868	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	513360	18.037	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	247947	19.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	249219	21.468	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	479864	19.102	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	670318	17.530	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1393308	18.092	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1708052	17.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	255577	18.763	ng/ul	0.00
60) Fluorene-d10	15.504	176	1221196	18.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	209837	17.508	ng/ul	0.00
73) Anthracene-d10	17.357	188	1861071	17.692	ng/ul	0.00
81) Pyrene-d10	19.651	212	2091617	16.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	2223435	18.118	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	73546	6.889	ng/uL#	85
5) Pyridine	3.752	79	510871	17.072	ng/ul	91
6) Benzaldehyde	7.011	77	324062	17.212	ng/ul	100
8) Phenol	7.063	94	685730	18.383	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.299	93	546465	18.699	ng/ul	99
12) 2-Chlorophenol	7.434	128	512355	19.144	ng/ul	99
13) 2-Methylphenol	8.316	108	501362	18.348	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.405	45	726496	19.466	ng/ul	98
16) Acetophenone	8.693	105	847273	18.448	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	435716	19.427	ng/ul	99
18) 4-Methylphenol	8.646	108	538771	18.423	ng/ul	94
19) Hexachloroethane	8.957	117	240969	19.827	ng/ul	93
22) Nitrobenzene	9.075	77	702129	20.018	ng/ul	99
23) Isophorone	9.599	82	1234662	20.234	ng/ul	98
25) 2-Nitrophenol	9.787	139	268589	21.216	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	613709	18.150	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	723197	19.296	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	469568	18.959	ng/ul	97
30) Naphthalene	10.728	128	1696414	18.795	ng/ul	99
32) 4-Chloroaniline	10.834	127	669794	17.742	ng/ul	99
33) Hexachlorobutadiene	11.016	225	347267	18.248	ng/ul	95
34) Caprolactam	11.593	113	161157m	20.767	ng/ul	98
35) 4-Chloro-3-methylphenol	11.963	107	567616	19.348	ng/ul	98

JP 8/24/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN016005.D
Acq On : 21 Aug 2021 03:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/23/2021 4:26:27 PM

Quant Time: Aug 21 05:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	1141114	18.180	ng/ul	95
37) 1-Methylnaphthalene	12.557	142	1107805	17.732	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	609166	17.919	ng/ul	97
40) Hexachlorocyclopentadiene	12.687	237	358907	16.285	ng/ul	99
41) 2,4,6-Trichlorophenol	12.946	196	369353	19.870	ng/ul	96
42) 2,4,5-Trichlorophenol	13.016	196	391358	19.284	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	1464895	18.028	ng/ul	96
44) 2-Chloronaphthalene	13.387	162	1172674	18.690	ng/ul	98
45) 2-Nitroaniline	13.587	65	368573	20.731	ng/ul	89
47) Dimethylphthalate	13.969	163	1444268	18.918	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	285224	20.631	ng/ul	96
50) Acenaphthylene	14.234	152	1731506	18.886	ng/ul	99
51) 3-Nitroaniline	14.416	138	250943	16.881	ng/ul	99
52) Acenaphthene	14.575	153	1221915	18.426	ng/ul	97
53) 2,4-Dinitrophenol	14.616	184	127314	16.573	ng/ul	90
55) 4-Nitrophenol	14.722	109	247136	18.543	ng/ul	97
56) Dibenzofuran	14.910	168	1689419	18.427	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	424848	21.335	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	335214	19.962	ng/ul	100
59) Diethylphthalate	15.334	149	1465865	19.202	ng/ul	98
61) Fluorene	15.557	166	1416498	18.933	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.551	204	727450	18.646	ng/ul	99
63) 4-Nitroaniline	15.575	138	256725	18.025	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.634	198	217099	18.212	ng/ul	97
67) N-Nitrosodiphenylamine	15.769	169	1147370	17.516	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	445027	18.479	ng/ul	93
69) Hexachlorobenzene	16.563	284	506850	18.010	ng/ul	98
70) Atrazine	16.722	200	421869	17.756	ng/ul	98
71) Pentachlorophenol	16.910	266	255316	16.171	ng/ul	96
72) Phenanthrene	17.298	178	2233188	18.304	ng/ul	99
74) Anthracene	17.392	178	2274542	18.261	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	595666	16.850	ng/uL	98
76) Pentachlorobenzene	14.834	250	591959	17.203	ng/uL	99
77) Carbazole	17.663	167	1940561	17.720	ng/ul	98
78) Di-n-butylphthalate	18.228	149	2426214	19.485	ng/ul	99
80) Fluoranthene	19.316	202	2649662	17.757	ng/ul	98
82) Pyrene	19.680	202	2740941	17.649	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1060283	20.302	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.363	252	755170	16.106	ng/ul	98
85) Benzo(a)anthracene	21.427	228	2651941	18.001	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	1643605	19.844	ng/ul	97
87) Chrysene	21.480	228	2522573	17.686	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	2753500	19.167	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2787739	18.682	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	2611693	17.578	ng/ul	97
93) Benzo(a)pyrene	23.733	252	2491530	18.445	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	3111230	18.576	ng/ul	95
95) Dibenzo(a,h)anthracene	26.345	278	2594942	18.767	ng/ul	98
96) Benzo(g,h,i)perylene	27.092	276	2601102	18.783	ng/ul	97

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