

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036341.D
 Acq On : 18 Aug 2022 07:10
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020151

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 18 08:02:34 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 16 15:00:33 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	284532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1234468	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	694421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1280782	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1117304	20.000	ng/u1	0.00
88) Perylene-d12	23.697	264	1158216	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	51087	6.843	ng/uL	0.00
4) Pyridine-d5	3.634	84	369765	17.960	ng/u1	0.00
7) Phenol-d5	6.975	99	452383	18.626	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	288039	18.841	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	376785	19.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	346968	19.133	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	185641	19.834	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	189142	19.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	334529	19.720	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	481063	18.293	ng/u1	-0.01
46) Dimethylphthalate-d6	13.863	166	857062	19.509	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1080617	19.721	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	144811	17.396	ng/u1	-0.01
60) Fluorene-d10	15.433	176	756388	19.053	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	113114	17.178	ng/u1	0.00
73) Anthracene-d10	17.280	188	1096984	19.262	ng/u1	0.00
81) Pyrene-d10	19.580	212	1142022	19.704	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.544	264	1090307	19.200	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	57431	7.303	ng/uL	91
5) Pyridine	3.652	79	376333	17.694	ng/u1	90
6) Benzaldehyde	6.940	77	208867	20.936	ng/u1	92
8) Phenol	7.004	94	472313	18.704	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	382456	18.936	ng/u1	98
12) 2-Chlorophenol	7.363	128	390483	19.569	ng/u1	99
13) 2-Methylphenol	8.251	108	353033	18.966	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.334	45	518301	19.181	ng/u1	97
16) Acetophenone	8.628	105	563270	19.312	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.616	70	284832	19.621	ng/u1	96
18) 4-Methylphenol	8.586	108	383394	19.242	ng/u1	98
19) Hexachloroethane	8.869	117	163440	19.578	ng/u1	92
22) Nitrobenzene	9.010	77	421215	18.994	ng/u1	99
23) Isophorone	9.533	82	763084	19.376	ng/u1	97
25) 2-Nitrophenol	9.716	139	208265	19.690	ng/u1	99
26) 2,4-Dimethylphenol	9.786	107	407446	19.262	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	487559	19.017	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	342411	19.729	ng/u1	99
30) Naphthalene	10.645	128	1229937	18.983	ng/u1	99
32) 4-Chloroaniline	10.769	127	493454	18.448	ng/u1	98
33) Hexachlorobutadiene	10.922	225	213698	19.599	ng/u1	99
34) Caprolactam	11.563	113	96267	18.512	ng/u1	93
35) 4-Chloro-3-methylphenol	11.904	107	342916	19.541	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	775676	19.081	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036341.D
 Acq On : 18 Aug 2022 07:10
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020151

Quant Time: Aug 18 08:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	784686	19.167	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.627	216	378414	19.716	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	156730	13.764	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	243137	20.131	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	255752	19.963	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1004602	19.235	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	775916	19.360	ng/ul	99
45) 2-Nitroaniline	13.533	65	212679	19.597	ng/ul	97
47) Dimethylphthalate	13.910	163	877173	19.397	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	176393	20.674	ng/ul	93
50) Acenaphthylene	14.163	152	1247785	19.311	ng/ul	99
51) 3-Nitroaniline	14.363	138	173344	18.577	ng/ul	99
52) Acenaphthene	14.504	153	801505	19.031	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	69938	15.041	ng/ul	98
55) 4-Nitrophenol	14.680	109	113983	17.330	ng/ul	82
56) Dibenzofuran	14.839	168	1111211	19.015	ng/ul	97
57) 2,4-Dinitrotoluene	14.821	165	242088	20.006	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.068	232	193541	19.897	ng/ul#	94
59) Diethylphthalate	15.268	149	861899	19.335	ng/ul	99
61) Fluorene	15.486	166	876667	18.913	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	414521	19.145	ng/ul	98
63) 4-Nitroaniline	15.527	138	163178m	18.747	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	116510	17.501	ng/ul	95
67) N-Nitrosodiphenylamine	15.704	169	713146	19.476	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	234231	19.751	ng/ul	98
69) Hexachlorobenzene	16.486	284	280897	19.545	ng/ul	97
70) Atrazine	16.657	200	238655	19.075	ng/ul	98
71) Pentachlorophenol	16.839	266	145037	18.305	ng/ul	100
72) Phenanthrene	17.227	178	1273274	18.910	ng/ul	99
74) Anthracene	17.315	178	1292598	19.149	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	385715	20.071	ng/ul	98
76) Pentachlorobenzene	14.757	250	352551	19.647	ng/ul	99
77) Carbazole	17.598	167	1170128	18.514	ng/ul	98
78) Di-n-butylphthalate	18.156	149	1347046	19.486	ng/ul	100
80) Fluoranthene	19.245	202	1384563	19.766	ng/ul	98
82) Pyrene	19.609	202	1433774	19.615	ng/ul	96
83) Butylbenzylphthalate	20.509	149	554630	20.282	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.292	252	427377	18.575	ng/ul	99
85) Benzo(a)anthracene	21.356	228	1314607	19.579	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	782675	20.730	ng/ul	99
87) Chrysene	21.403	228	1269192	19.238	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1292999	18.779	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	1341889	19.003	ng/ul	98
91) Benzo(k)fluoranthene	23.038	252	1316835	19.601	ng/ul	98
93) Benzo(a)pyrene	23.597	252	1350052	19.434	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.109	276	1582410	19.374	ng/ul	94
95) Dibenzo(a,h)anthracene	26.127	278	1357122	19.288	ng/ul	97
96) Benzo(g,h,i)perylene	26.856	276	1344251	19.246	ng/ul	95

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

