

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM035016.D
 Acq On : 12 May 2022 10:44
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020124

Quant Time: May 13 04:38:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	195076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	893206	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	604027	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1283161	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	1154234	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	1023735	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	39556	8.483	ng/uL	0.00
4) Pyridine-d5	3.775	84	264289	20.563	ng/u1	0.00
7) Phenol-d5	7.081	99	377249	22.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	222093	20.967	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	306601	23.120	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	320476	23.292	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	157376	22.988	ng/u1	0.00
24) 2-Nitrophenol-d4	9.798	143	179589	24.322	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	325720	23.571	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	487080	24.756	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1009127	22.152	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1301214	22.511	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	198306m	25.478	ng/u1	0.00
60) Fluorene-d10	15.539	176	869587	22.627	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	169614	20.977	ng/u1	0.00
73) Anthracene-d10	17.392	188	1367132	21.899	ng/u1	0.00
81) Pyrene-d10	19.680	212	1515656	21.029	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	1206574	22.551	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	37890	8.161	ng/uL	96
5) Pyridine	3.793	79	277653	20.469	ng/u1	99
6) Benzaldehyde	7.051	77	246825	26.206	ng/u1	99
8) Phenol	7.104	94	378032	22.503	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.340	93	288204	21.675	ng/u1	100
12) 2-Chlorophenol	7.481	128	306080	22.631	ng/u1	99
13) 2-Methylphenol	8.357	108	294345	23.117	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	439355	20.211	ng/u1	100
16) Acetophenone	8.740	105	496446	23.245	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.728	70	259547	22.785	ng/u1	95
18) 4-Methylphenol	8.687	108	324261	23.309	ng/u1	96
19) Hexachloroethane	9.004	117	125381	21.854	ng/u1	98
22) Nitrobenzene	9.116	77	373786	22.003	ng/u1	98
23) Isophorone	9.645	82	718463	23.018	ng/u1	98
25) 2-Nitrophenol	9.834	139	188209	23.722	ng/u1	95
26) 2,4-Dimethylphenol	9.892	107	376104	22.667	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.134	93	409359	21.157	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	314457	23.390	ng/u1	98
30) Naphthalene	10.769	128	1019125	21.718	ng/u1	99
32) 4-Chloroaniline	10.875	127	481581	24.457	ng/u1	100
33) Hexachlorobutadiene	11.069	225	187574	21.288	ng/u1	98
34) Caprolactam	11.639	113	114064m	28.375	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	355809	24.620	ng/u1	99
36) 2-Methylnaphthalene	12.380	142	734819	22.648	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	745103	22.711	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	376048	21.168	ng/ul	97
40) Hexachlorocyclopentadiene	12.733	237	199082	16.158	ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	260614	23.043	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	284460	23.478	ng/ul	99
43) 1,1'-Biphenyl	13.386	154	1003254	20.906	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	775020	21.207	ng/ul	98
45) 2-Nitroaniline	13.627	65	248466	23.949	ng/ul	97
47) Dimethylphthalate	14.010	163	996792	22.147	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	213709	25.000	ng/ul	91
50) Acenaphthylene	14.274	152	1293885	22.281	ng/ul	98
51) 3-Nitroaniline	14.451	138	173683	22.189	ng/ul#	95
52) Acenaphthene	14.616	153	838572	21.605	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	112844	22.629	ng/ul	94
55) 4-Nitrophenol	14.757	109	173107	25.292	ng/ul	96
56) Dibenzofuran	14.951	168	1174446	21.970	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	312160	25.888	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.174	232	236718	24.918	ng/ul	98
59) Diethylphthalate	15.374	149	1039929	22.559	ng/ul	99
61) Fluorene	15.598	166	983635	22.493	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	470039	22.129	ng/ul	99
63) 4-Nitroaniline	15.610	138	165398m	23.740	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.674	198	163389	20.408	ng/ul#	98
67) N-Nitrosodiphenylamine	15.804	169	845081	20.456	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	275422	20.641	ng/ul	97
69) Hexachlorobenzene	16.604	284	318565	21.100	ng/ul	97
70) Atrazine	16.757	200	317790	21.641	ng/ul	99
71) Pentachlorophenol	16.945	266	204376	21.808	ng/ul	97
72) Phenanthrene	17.333	178	1549199	21.465	ng/ul	100
74) Anthracene	17.427	178	1588701	21.763	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.357	216	387797	18.886	ng/uL	98
76) Pentachlorobenzene	14.874	250	367542	19.541	ng/uL	99
77) Carbazole	17.692	167	1457712	22.714	ng/ul	99
78) Di-n-butylphthalate	18.262	149	1762813	22.150	ng/ul	99
80) Fluoranthene	19.345	202	1791966	20.682	ng/ul#	96
82) Pyrene	19.709	202	1842722	20.827	ng/ul	99
83) Butylbenzylphthalate	20.609	149	832293	23.514	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	461528	21.190	ng/ul	100
85) Benzo(a)anthracene	21.456	228	1662765	22.173	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1197750	22.837	ng/ul	99
87) Chrysene	21.509	228	1596655	21.864	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	1972754	23.148	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1553131	22.586	ng/ul	100
91) Benzo(k)fluoranthene	23.180	252	1435659	21.925	ng/ul	99
93) Benzo(a)pyrene	23.750	252	1442965	22.011	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.327	276	1569153	20.924	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.344	278	1337647	20.806	ng/ul#	96
96) Benzo(g,h,i)perylene	27.085	276	1284432	20.619	ng/ul#	94

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

