

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036510.D
 Acq On : 07 Sep 2022 15:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020168

Quant Time: Sep 08 00:50:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
 Supervised By :mohammad ahmed 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	157525	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	733980	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	449683	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	925370	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	989933	20.000	ng/u1	0.00
88) Perylene-d12	23.597	264	899711	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	31270	7.565	ng/uL	0.00
4) Pyridine-d5	3.552	84	228889	20.081	ng/u1	0.00
7) Phenol-d5	6.898	99	269884	20.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	191033	22.571	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	204581	19.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	204807	20.400	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	103805	18.653	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	102448	18.149	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	193138	19.149	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	310858	19.881	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	550527	19.351	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	700549	19.743	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	102406	18.997	ng/u1	0.00
60) Fluorene-d10	15.363	176	521666	20.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	76244	16.026	ng/u1	0.00
73) Anthracene-d10	17.215	188	810981	19.710	ng/u1	0.00
81) Pyrene-d10	19.515	212	935696	18.221	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.444	264	869581	19.713	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	34173	7.850	ng/uL	96
5) Pyridine	3.575	79	239261	20.320	ng/u1	95
6) Benzaldehyde	6.869	77	149945m	27.148	ng/u1	
8) Phenol	6.928	94	287051	20.533	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.157	93	236548	21.155	ng/u1	98
12) 2-Chlorophenol	7.281	128	222669	20.156	ng/u1	94
13) 2-Methylphenol	8.181	108	210553	20.432	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.263	45	362598m	24.238	ng/u1	
16) Acetophenone	8.557	105	357617	22.147	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.539	70	188934	23.508	ng/u1	94
18) 4-Methylphenol	8.510	108	233436	21.162	ng/u1	99
19) Hexachloroethane	8.792	117	95143	20.585	ng/u1#	81
22) Nitrobenzene	8.934	77	278569	21.127	ng/u1	94
23) Isophorone	9.457	82	488178	20.848	ng/u1	94
25) 2-Nitrophenol	9.645	139	115570	18.377	ng/u1	92
26) 2,4-Dimethylphenol	9.710	107	249587	19.845	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.945	93	321975	21.121	ng/u1	99
29) 2,4-Dichlorophenol	10.175	162	200828	19.462	ng/u1	99
30) Naphthalene	10.569	128	768442	19.948	ng/u1	99
32) 4-Chloroaniline	10.692	127	324293	20.391	ng/u1	100
33) Hexachlorobutadiene	10.845	225	114905	17.725	ng/u1	99
34) Caprolactam	11.486	113	55635m	17.994	ng/u1	
35) 4-Chloro-3-methylphenol	11.827	107	200234	19.191	ng/u1	100
36) 2-Methylnaphthalene	12.186	142	463186	19.164	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	479182	19.686	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.557	216	212495	17.097	ng/ul	97
40) Hexachlorocyclopentadiene	12.527	237	114327	15.505	ng/ul	91
41) 2,4,6-Trichlorophenol	12.804	196	135935	17.381	ng/ul	99
42) 2,4,5-Trichlorophenol	12.880	196	145493	17.538	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	627169	18.544	ng/ul#	98
44) 2-Chloronaphthalene	13.245	162	471872	18.182	ng/ul	99
45) 2-Nitroaniline	13.469	65	151446	21.550	ng/ul	89
47) Dimethylphthalate	13.845	163	574422	19.616	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	106720	19.315	ng/ul#	77
50) Acenaphthylene	14.092	152	845856	20.215	ng/ul	100
51) 3-Nitroaniline	14.298	138	121817	20.160	ng/ul	95
52) Acenaphthene	14.433	153	565662	20.741	ng/ul	96
53) 2,4-Dinitrophenol	14.510	184	47618	15.814	ng/ul#	77
55) 4-Nitrophenol	14.610	109	84766	19.902	ng/ul	90
56) Dibenzofuran	14.768	168	773842	20.449	ng/ul	94
57) 2,4-Dinitrotoluene	14.757	165	160245	20.450	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	14.998	232	121516	19.292	ng/ul#	83
59) Diethylphthalate	15.204	149	612557	21.220	ng/ul	98
61) Fluorene	15.421	166	654521	21.806	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.421	204	291415	20.784	ng/ul	99
63) 4-Nitroaniline	15.463	138	119645m	21.226	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.515	198	76948	15.997	ng/ul#	84
67) N-Nitrosodiphenylamine	15.639	169	513002	19.391	ng/ul	96
68) 4-Bromophenyl-phenylether	16.310	248	155817	18.185	ng/ul	93
69) Hexachlorobenzene	16.415	284	181567	17.486	ng/ul#	91
70) Atrazine	16.592	200	165306	18.287	ng/ul	97
71) Pentachlorophenol	16.768	266	101473	17.726	ng/ul	98
72) Phenanthrene	17.157	178	988772	20.325	ng/ul	98
74) Anthracene	17.251	178	1001095	20.526	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	221822	15.976	ng/uL	98
76) Pentachlorobenzene	14.686	250	221694	17.100	ng/uL	99
77) Carbazole	17.527	167	920875	20.166	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1082480	21.673	ng/ul#	98
80) Fluoranthene	19.180	202	1140537	18.378	ng/ul	98
82) Pyrene	19.545	202	1217074	18.793	ng/ul	99
83) Butylbenzylphthalate	20.450	149	459757	18.976	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.233	252	337692	16.566	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1179963	19.835	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	768788	22.982	ng/ul#	94
87) Chrysene	21.344	228	1123010	19.212	ng/ul	98
89) Di-n-octyl phthalate	22.115	149	1205193	22.533	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1126374	20.534	ng/ul	99
91) Benzo(k)fluoranthene	22.944	252	1088061	20.849	ng/ul	99
93) Benzo(a)pyrene	23.491	252	1092191	20.239	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.956	276	1082550	17.062	ng/ul	98
95) Dibenzo(a,h)anthracene	25.968	278	915992	16.759	ng/ul	99
96) Benzo(g,h,i)perylene	26.679	276	872735	16.085	ng/ul	98

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

