

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037889.D
 Acq On : 08 Dec 2022 16:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020067

Quant Time: Dec 08 22:40:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	264861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	1059421	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	582433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.456	188	1016036	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	772326	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	873425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	42499	7.286	ng/uL	0.00
4) Pyridine-d5	3.863	84	310729	17.957	ng/u1	0.00
7) Phenol-d5	7.239	99	410477	19.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	246967	18.844	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	352247	19.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	320241	19.061	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	174696	20.827	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	186664	21.235	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	333979	20.003	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	432258	18.755	ng/u1	0.00
46) Dimethylphthalate-d6	14.121	166	821673	19.788	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	1008911	19.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	120413	17.015	ng/u1	0.00
60) Fluorene-d10	15.704	176	695621	18.803	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	95823	17.640	ng/u1	0.00
73) Anthracene-d10	17.556	188	952592	20.089	ng/u1	0.00
81) Pyrene-d10	19.839	212	940505	20.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	872561	20.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	44741	7.312	ng/uL	94
5) Pyridine	3.881	79	312056	17.944	ng/u1	98
6) Benzaldehyde	7.222	77	156378	19.426	ng/u1	97
8) Phenol	7.269	94	412437	19.107	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.504	93	336469	18.982	ng/u1	97
12) 2-Chlorophenol	7.645	128	357252	19.785	ng/u1	99
13) 2-Methylphenol	8.534	108	315605	19.106	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	572416	17.884	ng/u1	98
16) Acetophenone	8.922	105	506934	19.185	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.904	70	241204	19.378	ng/u1	95
18) 4-Methylphenol	8.863	108	343050	19.197	ng/u1	99
19) Hexachloroethane	9.175	117	130108	18.024	ng/u1	97
22) Nitrobenzene	9.304	77	361230	20.014	ng/u1	96
23) Isophorone	9.833	82	648660	19.613	ng/u1	99
25) 2-Nitrophenol	10.016	139	194261	21.079	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	364737	20.466	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.310	93	437958	19.921	ng/u1	99
29) 2,4-Dichlorophenol	10.551	162	323791	19.766	ng/u1	96
30) Naphthalene	10.963	128	1130673	19.777	ng/u1	99
32) 4-Chloroaniline	11.069	127	423602	18.431	ng/u1	97
33) Hexachlorobutadiene	11.239	225	207894	19.292	ng/u1	100
34) Caprolactam	11.857	113	83217	19.804	ng/u1	91
35) 4-Chloro-3-methylphenol	12.180	107	296236	19.867	ng/u1	95
36) 2-Methylnaphthalene	12.557	142	723140	19.501	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	724436	19.106	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.921	216	375990	19.757	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	127726	11.733	ng/ul	96
41) 2,4,6-Trichlorophenol	13.157	196	236881	20.435	ng/ul	97
42) 2,4,5-Trichlorophenol	13.233	196	249948	20.675	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	928340	19.829	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	724202	20.052	ng/ul	98
45) 2-Nitroaniline	13.804	65	177458	20.393	ng/ul	97
47) Dimethylphthalate	14.168	163	807804	19.718	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	159837	20.086	ng/ul	95
50) Acenaphthylene	14.439	152	1112783	19.941	ng/ul	99
51) 3-Nitroaniline	14.621	138	148819	18.744	ng/ul	97
52) Acenaphthene	14.780	153	753456	19.521	ng/ul	100
53) 2,4-Dinitrophenol	14.827	184	62560	16.021	ng/ul	96
55) 4-Nitrophenol	14.921	109	82475	17.672	ng/ul	94
56) Dibenzofuran	15.115	168	1017243	19.304	ng/ul	100
57) 2,4-Dinitrotoluene	15.074	165	213604	19.821	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.339	232	199532	19.621	ng/ul	99
59) Diethylphthalate	15.521	149	769700	18.859	ng/ul	99
61) Fluorene	15.762	166	812860	18.915	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	403665	19.220	ng/ul	98
63) 4-Nitroaniline	15.780	138	134968	18.748	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	94913	18.048	ng/ul	95
67) N-Nitrosodiphenylamine	15.962	169	647628	21.131	ng/ul	100
68) 4-Bromophenyl-phenylether	16.639	248	234217	21.029	ng/ul	97
69) Hexachlorobenzene	16.762	284	273388	20.563	ng/ul	99
70) Atrazine	16.909	200	199933	19.089	ng/ul	99
71) Pentachlorophenol	17.104	266	142218	19.240	ng/ul	97
72) Phenanthrene	17.498	178	1091943	19.680	ng/ul	100
74) Anthracene	17.586	178	1147249	20.346	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.521	216	367673	22.384	ng/uL	98
76) Pentachlorobenzene	15.033	250	351322	21.591	ng/uL	98
77) Carbazole	17.856	167	938647	19.214	ng/ul	99
78) Di-n-butylphthalate	18.409	149	1151788	19.835	ng/ul	100
80) Fluoranthene	19.503	202	1133586	20.703	ng/ul	99
82) Pyrene	19.868	202	1162690	20.404	ng/ul	99
83) Butylbenzylphthalate	20.744	149	438713	20.705	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	293475	19.203	ng/ul	99
85) Benzo(a)anthracene	21.609	228	1042338	20.047	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	587217	19.050	ng/ul	97
87) Chrysene	21.662	228	984809	20.187	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	1000856	17.883	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	1091193	20.152	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	1030208	19.631	ng/ul	99
93) Benzo(a)pyrene	23.997	252	944459	19.834	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	1249314	20.372	ng/ul	99
95) Dibenzo(a,h)anthracene	26.726	278	1052546	20.359	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	970283	19.817	ng/ul	97

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

