

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
 Data File : BM037690.D
 Acq On : 25 Nov 2022 10:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020052

Quant Time: Nov 26 02:21:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:27:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	107024	20.000	ng/u1	0.00
20) Naphthalene-d8	10.939	136	527577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	345826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.474	188	734991	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	751561	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	720264	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	23685	9.178	ng/uL	0.00
4) Pyridine-d5	3.869	84	189114	22.514	ng/u1	0.00
7) Phenol-d5	7.257	99	217634	20.383	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	154708	21.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.640	132	155384	20.943	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	174032	20.483	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	84249	20.370	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	82183	20.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	155518	20.853	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	263760	21.313	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	531828	21.711	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	612404	21.181	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	112177	20.790	ng/u1	0.00
60) Fluorene-d10	15.727	176	463448	21.603	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	76008	19.224	ng/u1	0.00
73) Anthracene-d10	17.574	188	729469	21.224	ng/u1	0.00
81) Pyrene-d10	19.851	212	818730	21.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	775898	20.928	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	25952	9.147	ng/uL	94
5) Pyridine	3.893	79	190574	22.311	ng/u1#	88
6) Benzaldehyde	7.246	77	120663	21.531	ng/u1	95
8) Phenol	7.287	94	231951	20.725	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.528	93	187441	20.658	ng/u1	98
12) 2-Chlorophenol	7.669	128	174235	21.498	ng/u1	95
13) 2-Methylphenol	8.551	108	176661	20.691	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.645	45	354377	21.623	ng/u1	99
16) Acetophenone	8.945	105	301207	21.535	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.928	70	181080	22.089	ng/u1	91
18) 4-Methylphenol	8.881	108	195207	20.694	ng/u1	97
19) Hexachloroethane	9.204	117	78320	22.343	ng/u1	95
22) Nitrobenzene	9.328	77	258156	22.891	ng/u1	96
23) Isophorone	9.857	82	497606	21.893	ng/u1	99
25) 2-Nitrophenol	10.045	139	94015	20.396	ng/u1#	85
26) 2,4-Dimethylphenol	10.098	107	237678	23.479	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.334	93	272379	20.890	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	161143	21.120	ng/u1	99
30) Naphthalene	10.986	128	620094	21.496	ng/u1	99
32) 4-Chloroaniline	11.092	127	277240	21.497	ng/u1	99
33) Hexachlorobutadiene	11.269	225	91956	22.959	ng/u1	96
34) Caprolactam	11.863	113	62166	19.564	ng/u1	89
35) 4-Chloro-3-methylphenol	12.198	107	222485	22.812	ng/u1	90
36) 2-Methylnaphthalene	12.581	142	424858	21.202	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	426931	21.177	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	178291	20.996	ng/ul#	95
40) Hexachlorocyclopentadiene	12.928	237	103363	19.547	ng/ul	97
41) 2,4,6-Trichlorophenol	13.180	196	125299	20.492	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	136929	20.929	ng/ul	97
43) 1,1'-Biphenyl	13.580	154	559105	21.290	ng/ul	98
44) 2-Chloronaphthalene	13.622	162	426420	20.891	ng/ul	95
45) 2-Nitroaniline	13.822	65	183478	23.710	ng/ul	94
47) Dimethylphthalate	14.192	163	558118	21.435	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	107655	21.412	ng/ul#	81
50) Acenaphthylene	14.463	152	705019	21.572	ng/ul	99
51) 3-Nitroaniline	14.639	138	120204	19.702	ng/ul	96
52) Acenaphthene	14.804	153	509821	21.812	ng/ul	98
53) 2,4-Dinitrophenol	14.839	184	55222	18.720	ng/ul	87
55) 4-Nitrophenol	14.933	109	132632	27.430	ng/ul#	76
56) Dibenzofuran	15.133	168	659444	21.617	ng/ul	90
57) 2,4-Dinitrotoluene	15.092	165	163478	22.158	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.357	232	116681	21.737	ng/ul#	96
59) Diethylphthalate	15.545	149	638675	22.726	ng/ul	99
61) Fluorene	15.780	166	573211	21.691	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.769	204	254470	22.074	ng/ul	90
63) 4-Nitroaniline	15.792	138	123766	21.345	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.851	198	83503	19.899	ng/ul	94
67) N-Nitrosodiphenylamine	15.980	169	490292	21.469	ng/ul	95
68) 4-Bromophenyl-phenylether	16.663	248	116133	19.644	ng/ul	92
69) Hexachlorobenzene	16.780	284	152250	20.052	ng/ul	91
70) Atrazine	16.927	200	162641	20.982	ng/ul	96
71) Pentachlorophenol	17.121	266	98592	19.612	ng/ul	94
72) Phenanthrene	17.515	178	911061	21.161	ng/ul	98
74) Anthracene	17.610	178	943215	21.579	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	182984	20.811	ng/ul	99
76) Pentachlorobenzene	15.057	250	196652	21.029	ng/ul	99
77) Carbazole	17.874	167	884484	21.284	ng/ul	98
78) Di-n-butylphthalate	18.427	149	1153500	19.175	ng/ul#	99
80) Fluoranthene	19.515	202	1042506	21.368	ng/ul	99
82) Pyrene	19.880	202	1108732	21.516	ng/ul	97
83) Butylbenzylphthalate	20.762	149	542682	22.607	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	319055	21.138	ng/ul	99
85) Benzo(a)anthracene	21.621	228	1074867	21.378	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	801204	22.091	ng/ul	99
87) Chrysene	21.674	228	1002353	21.185	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	1385835	22.524	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1013956	20.708	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	1005738	21.062	ng/ul	99
93) Benzo(a)pyrene	24.015	252	882712	20.742	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.738	276	967866	19.824	ng/ul	96
95) Dibenzo(a,h)anthracene	26.750	278	862027	19.665	ng/ul	99
96) Benzo(g,h,i)perylene	27.538	276	833610	19.607	ng/ul	98

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

