

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
 Data File : BM037750.D
 Acq On : 27 Nov 2022 01:26
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020056

Quant Time: Nov 27 21:31:23 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	8.110	152	242114	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1117690	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.733	164	734094	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.468	188	1592099	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1585316	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1456268	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	44526	7.627	ng/uL	0.00
4) Pyridine-d5	3.869	84	368176	19.375	ng/u1	0.00
7) Phenol-d5	7.257	99	453136	18.760	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	295567	18.343	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	343247	20.451	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	363359	18.904	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	189733	21.654	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	196693	22.782	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.545	165	355453	22.497	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	542092	20.676	ng/u1	-0.01
46) Dimethylphthalate-d6	14.139	166	1109435	21.336	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1310646	21.355	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.916	143	230481	20.123	ng/u1	0.00
60) Fluorene-d10	15.722	176	985629	21.643	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	169361	19.775	ng/u1	0.00
73) Anthracene-d10	17.568	188	1591713	21.379	ng/u1	0.00
81) Pyrene-d10	19.851	212	1793832	22.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1598824	21.330	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	50102	7.806	ng/uL#	89
5) Pyridine	3.893	79	370197	19.158	ng/u1	99
6) Benzaldehyde	7.240	77	238955	18.848	ng/u1	99
8) Phenol	7.287	94	477281	18.851	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.522	93	385916	18.801	ng/u1	97
12) 2-Chlorophenol	7.663	128	373901	20.393	ng/u1	99
13) 2-Methylphenol	8.551	108	364859	18.890	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	663968	17.908	ng/u1	97
16) Acetophenone	8.940	105	611424	19.323	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.922	70	338668	18.262	ng/u1	99
18) 4-Methylphenol	8.881	108	403178	18.893	ng/u1	98
19) Hexachloroethane	9.198	117	165290	20.843	ng/u1	90
22) Nitrobenzene	9.322	77	501492	20.990	ng/u1	100
23) Isophorone	9.851	82	940565	19.533	ng/u1	98
25) 2-Nitrophenol	10.040	139	216518	22.173	ng/u1	96
26) 2,4-Dimethylphenol	10.092	107	458758	21.392	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.328	93	533411	19.311	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	368169	22.777	ng/u1	98
30) Naphthalene	10.981	128	1304882	21.352	ng/u1	99
32) 4-Chloroaniline	11.086	127	561055	20.535	ng/u1	98
33) Hexachlorobutadiene	11.263	225	221269	26.077	ng/u1	97
34) Caprolactam	11.869	113	128236	19.049	ng/u1	94
35) 4-Chloro-3-methylphenol	12.198	107	431923	20.904	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	896059	21.107	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	897016	21.003	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.939	216	414201	22.979	ng/ul	97
40) Hexachlorocyclopentadiene	12.922	237	243455	21.689	ng/ul	99
41) 2,4,6-Trichlorophenol	13.175	196	286291	22.057	ng/ul	100
42) 2,4,5-Trichlorophenol	13.245	196	312538	22.505	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	1174939	21.077	ng/ul	98
44) 2-Chloronaphthalene	13.616	162	921033	21.257	ng/ul	99
45) 2-Nitroaniline	13.816	65	331252	20.165	ng/ul	95
47) Dimethylphthalate	14.186	163	1167169	21.117	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	233443	21.873	ng/ul	99
50) Acenaphthylene	14.457	152	1472884	21.231	ng/ul	99
51) 3-Nitroaniline	14.633	138	259103	20.007	ng/ul	93
52) Acenaphthene	14.798	153	1038717	20.935	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	118796	18.971	ng/ul	98
55) 4-Nitrophenol	14.933	109	220269	21.461	ng/ul	89
56) Dibenzofuran	15.127	168	1391582	21.489	ng/ul	99
57) 2,4-Dinitrotoluene	15.086	165	345671	22.072	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.351	232	265276	23.281	ng/ul	94
59) Diethylphthalate	15.539	149	1233365	20.675	ng/ul	98
61) Fluorene	15.774	166	1198576	21.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	549284	22.446	ng/ul	99
63) 4-Nitroaniline	15.792	138	260681	21.179	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.845	198	179633	19.762	ng/ul#	98
67) N-Nitrosodiphenylamine	15.974	169	1010327	20.424	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	306842	23.961	ng/ul	99
69) Hexachlorobenzene	16.774	284	349848	21.272	ng/ul	94
70) Atrazine	16.921	200	343652	20.466	ng/ul	98
71) Pentachlorophenol	17.116	266	225576	20.714	ng/ul	97
72) Phenanthrene	17.515	178	1945109	20.856	ng/ul	99
74) Anthracene	17.604	178	1972253	20.830	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	422115	22.163	ng/ul	99
76) Pentachlorobenzene	15.051	250	442964	21.867	ng/ul	99
77) Carbazole	17.874	167	1822488	20.246	ng/ul	100
78) Di-n-butylphthalate	18.421	149	2271935	17.436	ng/ul	99
80) Fluoranthene	19.515	202	2245108	21.816	ng/ul	96
82) Pyrene	19.874	202	2371822	21.820	ng/ul	97
83) Butylbenzylphthalate	20.756	149	1085755	21.442	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	650533	20.432	ng/ul	99
85) Benzo(a)anthracene	21.621	228	2244948	21.167	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1602746	20.950	ng/ul#	98
87) Chrysene	21.674	228	2101127	21.053	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	2750704	22.112	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2119845	21.413	ng/ul	97
91) Benzo(k)fluoranthene	23.409	252	2051906	21.253	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1802788	20.952	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.733	276	1834602	18.585	ng/ul	95
95) Dibenzo(a,h)anthracene	26.750	278	1635397	18.452	ng/ul	97
96) Benzo(g,h,i)perylene	27.538	276	1578266	18.361	ng/ul	94

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

