

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044437.D
 Acq On : 29 Feb 2024 13:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020057

Quant Time: Feb 29 14:16:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	235390	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1008178	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	605861	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1197615	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	991300	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1061902	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	53015	7.106	ng/uL	0.00
4) Pyridine-d5	3.787	84	363718	17.851	ng/u1	0.00
7) Phenol-d5	7.122	99	413528	18.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	265821	18.204	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	330780	19.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	318973	18.695	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	162227	19.790	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	169918	20.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	301052	20.407	ng/u1	0.01
31) 4-Chloroaniline-d4	10.910	131	463038	18.688	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	857055	18.342	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1026738	19.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	152487	16.400	ng/u1	0.00
60) Fluorene-d10	15.586	176	744301	18.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	122326	16.462	ng/u1	0.00
73) Anthracene-d10	17.445	188	1128809	19.768	ng/u1	0.00
81) Pyrene-d10	19.739	212	1208659	20.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1054802	19.385	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	55929	7.112	ng/uL	98
5) Pyridine	3.810	79	389373	18.267	ng/u1	96
6) Benzaldehyde	7.104	77	230248	23.523	ng/u1	100
8) Phenol	7.145	94	430596	18.371	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.392	93	358859	18.291	ng/u1	98
12) 2-Chlorophenol	7.516	128	342621	19.500	ng/u1	98
13) 2-Methylphenol	8.404	108	320015	18.532	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.492	45	478599	17.842	ng/u1	99
16) Acetophenone	8.792	105	518596	19.025	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	266405	19.509	ng/u1	98
18) 4-Methylphenol	8.733	108	346127	18.816	ng/u1	98
19) Hexachloroethane	9.028	117	139431	18.706	ng/u1	93
22) Nitrobenzene	9.169	77	382526	19.296	ng/u1	100
23) Isophorone	9.698	82	739425	19.245	ng/u1	99
25) 2-Nitrophenol	9.880	139	187748	20.241	ng/u1	98
26) 2,4-Dimethylphenol	9.945	107	345512	19.508	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.192	93	474849	19.011	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	301290	20.179	ng/u1	100
30) Naphthalene	10.816	128	1099443	19.175	ng/u1	100
32) 4-Chloroaniline	10.939	127	457605	18.953	ng/u1	98
33) Hexachlorobutadiene	11.086	225	174593	19.410	ng/u1	97
34) Caprolactam	11.722	113	91016	17.635	ng/u1	96
35) 4-Chloro-3-methylphenol	12.057	107	326169	20.505	ng/u1	96
36) 2-Methylnaphthalene	12.427	142	722227	19.775	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	704207	19.505	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.786	216	336140	18.742	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	223096	18.488	ng/ul	97
41) 2,4,6-Trichlorophenol	13.033	196	226493	19.812	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	242700	19.638	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	905250	18.353	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	728974	18.875	ng/ul	99
45) 2-Nitroaniline	13.692	65	205204	19.191	ng/ul	98
47) Dimethylphthalate	14.068	163	874266	18.307	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	170264	19.064	ng/ul	98
50) Acenaphthylene	14.321	152	1198706	18.824	ng/ul	100
51) 3-Nitroaniline	14.515	138	178901	18.987	ng/ul	97
52) Acenaphthene	14.663	153	784398	18.659	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	86001	15.518	ng/ul	95
55) 4-Nitrophenol	14.815	109	103443	16.195	ng/ul	97
56) Dibenzofuran	14.998	168	1059588	18.776	ng/ul	100
57) 2,4-Dinitrotoluene	14.974	165	249389	19.437	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.221	232	198865	19.995	ng/ul	96
59) Diethylphthalate	15.433	149	909133	18.494	ng/ul	100
61) Fluorene	15.645	166	859527	18.963	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	413703	19.367	ng/ul	99
63) 4-Nitroaniline	15.674	138	177045	19.428	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.727	198	136980	16.851	ng/ul	97
67) N-Nitrosodiphenylamine	15.862	169	711961	19.617	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	239679	20.143	ng/ul	97
69) Hexachlorobenzene	16.639	284	270548	19.865	ng/ul	96
70) Atrazine	16.821	200	227431	19.130	ng/ul	99
71) Pentachlorophenol	16.986	266	163672	18.236	ng/ul	99
72) Phenanthrene	17.386	178	1313621	19.120	ng/ul	100
74) Anthracene	17.480	178	1352493	19.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	331413	19.769	ng/ul	98
76) Pentachlorobenzene	14.910	250	315616	19.721	ng/ul	99
77) Carbazole	17.756	167	1238235	19.037	ng/ul	100
78) Di-n-butylphthalate	18.333	149	1622225	19.698	ng/ul	100
80) Fluoranthene	19.403	202	1440839	20.144	ng/ul	99
82) Pyrene	19.768	202	1515469	20.203	ng/ul	99
83) Butylbenzylphthalate	20.686	149	687107	20.394	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	417835	18.844	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1430833	19.353	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1082240	20.981	ng/ul	98
87) Chrysene	21.580	228	1332550	19.174	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	1775000	19.509	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1358648	19.958	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	1338553	19.144	ng/ul	99
93) Benzo(a)pyrene	23.856	252	1270947	19.364	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	1505134	18.963	ng/ul	98
95) Dibenzo(a,h)anthracene	26.526	278	1251294	18.865	ng/ul	100
96) Benzo(g,h,i)perylene	27.273	276	1208834	18.828	ng/ul	98

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

