

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
 Data File : BM014919.D
 Acq On : 02 May 2018 11:39
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02011

Quant Time: May 02 12:15:05 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 06:50:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	414294	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1711584	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	841118	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1649999	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1631108	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1676495	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	79234	8.35	ng/uL	0.00
5) Phenol-d5	7.62	99	684157	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	478203	23.28	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	572793	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	541056	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	254565	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	248734	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	482741	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	652052	26.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1286279	19.59	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1653733	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	223687	18.36	ng/ul	0.00
57) Fluorene-d10	16.07	176	1103901	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	144325	16.16	ng/ul	0.00
70) Anthracene-d10	17.91	188	1556466	20.24	ng/ul	0.00
76) Pyrene-d10	20.15	212	1563253	20.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1654734	20.09	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.68	88	85129	8.527	ng/uL#	82
4) Benzaldehyde	7.61	77	448574	26.625	ng/ul	93
6) Phenol	7.65	94	688363	21.845	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.89	93	558984	22.184	ng/ul#	86
10) 2-Chlorophenol	8.05	128	560074	21.227	ng/ul	95
11) 2-Methylphenol	8.93	108	490441	21.174	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1119983	24.043	ng/ul#	96
14) Acetophenone	9.33	105	810654	21.660	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.30	70	429813	22.130	ng/ul#	84
16) 4-Methylphenol	9.26	108	524788	21.055	ng/ul	93
17) Hexachloroethane	9.60	117	231086	21.412	ng/ul#	62
20) Nitrobenzene	9.72	77	641409	21.698	ng/ul	95
21) Isophorone	10.25	82	1041725	20.606	ng/ul#	94
23) 2-Nitrophenol	10.44	139	275504	20.579	ng/ul#	79
24) 2,4-Dimethylphenol	10.47	107	585942	20.717	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.72	93	700183	20.602	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	467617	19.560	ng/ul#	90
28) Naphthalene	11.39	128	1680412	20.147	ng/ul	99
30) 4-Chloroaniline	11.49	127	629395	26.235	ng/ul	94
31) Hexachlorobutadiene	11.66	225	287790	18.708	ng/ul	95
32) Caprolactam	12.25	113	120281	17.463	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.57	107	482400	19.949	ng/ul	96
34) 2-Methylnaphthalene	12.96	142	1124555	19.416	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	505979	19.189	ng/ul#	94
37) Hexachlorocyclopentadiene	13.29	237	334338	18.405	ng/ul	99
38) 2,4,6-Trichlorophenol	13.54	196	321360	19.732	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	337162	19.383	ng/ul	98
40) 1,1'-Biphenyl	13.94	154	1385740	20.487	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	1072487	20.418	ng/ul	96
42) 2-Nitroaniline	14.19	65	316641	22.780	ng/ul	99
44) Dimethylphthalate	14.54	163	1244395	19.606	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	237858	20.432	ng/ul#	96
47) Acenaphthylene	14.83	152	1618725	20.607	ng/ul	99
48) 3-Nitroaniline	14.99	138	251171	21.926	ng/ul	91
49) Acenaphthene	15.16	153	1124784	20.149	ng/ul	99
50) 2,4-Dinitrophenol	15.19	184	68615	10.615	ng/ul#	79
52) 4-Nitrophenol	15.27	109	177697	20.234	ng/ul#	85
53) Dibenzofuran	15.49	168	1529286	19.728	ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	338345	19.727	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.70	232	267216	18.104	ng/ul#	77
56) Diethylphthalate	15.87	149	1245166	19.489	ng/ul#	93
58) Fluorene	16.13	166	1211712	19.359	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	587995	18.768	ng/ul	90
60) 4-Nitroaniline	16.14	138	254636	19.055	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	16.19	198	151839	16.366	ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	1008892	21.084	ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	346431	19.879	ng/ul#	92
66) Hexachlorobenzene	17.12	284	408748	20.188	ng/ul#	90
67) Atrazine	17.24	200	329069	21.536	ng/ul#	94
68) Pentachlorophenol	17.46	266	211672	18.383	ng/ul	99
69) Phenanthrene	17.86	178	1785348	20.148	ng/ul	98
71) Anthracene	17.94	178	1820961	20.249	ng/ul	99
72) Carbazole	18.20	167	1564335	20.391	ng/ul	98
73) Di-n-butylphthalate	18.73	149	1978889	21.212	ng/ul#	98
74) Fluoranthene	19.82	202	1888184	19.544	ng/ul#	80
77) Pyrene	20.18	202	1952647	20.489	ng/ul#	79
78) Butylbenzylphthalate	21.02	149	853639	21.955	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.80	252	661413	21.254	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1913604	20.062	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1232172	21.590	ng/ul#	95
82) Chrysene	21.94	228	1783399	19.972	ng/ul	99
84) Di-n-octyl phthalate	22.71	149	2032324	21.077	ng/ul#	91
85) Benzo(b)fluoranthene	23.62	252	1942187	19.652	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1914662	20.147	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1851714	19.752	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	2274561	20.056	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.96	278	1930359	20.215	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1867185	20.013	ng/ul#	89

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

