

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040418\
 Data File : BM014667.D
 Acq On : 04 Apr 2018 09:47
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02068

Quant Time: Apr 05 01:39:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 15:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	374375	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1652440	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.18	164	961739	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2136661	20.00	ng/ul	0.00
77) Chrysene-d12	21.98	240	2125679	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	1790520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	66920	8.60	ng/uL	0.00
5) Phenol-d5	7.69	99	611273	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.88	67	398251	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	496324	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	502124	20.59	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	214192	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	175751	18.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	491047	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	683500	24.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	1567848	20.63	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	1942413	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	249433	20.23	ng/ul	0.00
57) Fluorene-d10	16.16	176	1342452	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.25	200	138160	15.15	ng/ul	0.00
70) Anthracene-d10	17.99	188	2043559	20.30	ng/ul	0.00
78) Pyrene-d10	20.22	212	2173628	20.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	1780785	20.25	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.73	88	70176	8.376	ng/uL 96
4) Benzaldehyde	7.69	77	390528	22.879	ng/ul 95
6) Phenol	7.72	94	603270	20.691	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.97	93	490686	21.293	ng/ul# 87
10) 2-Chlorophenol	8.13	128	493376	20.282	ng/ul# 92
11) 2-Methylphenol	9.01	108	454725	20.482	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	9.11	45	916251	21.450	ng/ul# 82
14) Acetophenone	9.42	105	778578	21.581	ng/ul# 92
15) N-Nitroso-di-n-propylamine	9.39	70	405279	20.996	ng/ul# 74
16) 4-Methylphenol	9.34	108	495392	20.761	ng/ul 100
17) Hexachloroethane	9.69	117	195744	19.857	ng/ul 96
20) Nitrobenzene	9.80	77	560093	20.668	ng/ul 94
21) Isophorone	10.33	82	1083450	20.475	ng/ul 98
23) 2-Nitrophenol	10.52	139	214847	19.310	ng/ul 91
24) 2,4-Dimethylphenol	10.56	107	570925	20.311	ng/ul 100
25) Bis(2-Chloroethoxy)methane	10.80	93	674754	20.724	ng/ul 99
27) 2,4-Dichlorophenol	11.06	162	468405	20.462	ng/ul 99
28) Naphthalene	11.48	128	1627397	20.201	ng/ul 100
30) 4-Chloroaniline	11.57	127	653596	24.790	ng/ul 99
31) Hexachlorobutadiene	11.76	225	300860	19.692	ng/ul 98
32) Caprolactam	12.31	113	142000	20.719	ng/ul# 46
33) 4-Chloro-3-methylphenol	12.65	107	507763	20.851	ng/ul 98
34) 2-Methylnaphthalene	13.05	142	1178445	20.506	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	599073	19.623	ng/ul	99
37) Hexachlorocyclopentadiene	13.38	237	341057	16.764	ng/ul	99
38) 2,4,6-Trichlorophenol	13.63	196	358824	19.789	ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	388447	20.450	ng/ul	98
40) 1,1'-Biphenyl	14.03	154	1539116	19.984	ng/ul	98
41) 2-Chloronaphthalene	14.07	162	1188253	19.908	ng/ul	97
42) 2-Nitroaniline	14.26	65	285860	20.554	ng/ul#	81
44) Dimethylphthalate	14.62	163	1505865	20.567	ng/ul	99
45) 2,6-Dinitrotoluene	14.74	165	244350	20.663	ng/ul	88
47) Acenaphthylene	14.91	152	1850420	20.213	ng/ul	100
48) 3-Nitroaniline	15.07	138	269914	22.596	ng/ul#	93
49) Acenaphthene	15.25	153	1294177	20.248	ng/ul	99
50) 2,4-Dinitrophenol	15.26	184	77251	15.094	ng/ul#	46
52) 4-Nitrophenol	15.34	109	196033	20.912	ng/ul#	84
53) Dibenzofuran	15.57	168	1780137	20.296	ng/ul	97
54) 2,4-Dinitrotoluene	15.51	165	371877	21.784	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.78	232	323782	20.037	ng/ul	97
56) Diethylphthalate	15.96	149	1543593	21.072	ng/ul	100
58) Fluorene	16.21	166	1475799	20.657	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.19	204	744988	20.359	ng/ul	94
60) 4-Nitroaniline	16.21	138	289412	21.449	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.26	198	154832	15.726	ng/ul	94
64) N-Nitrosodiphenylamine	16.40	169	1267201	19.851	ng/ul	99
65) 4-Bromophenyl-phenylether	17.08	248	465870	19.449	ng/ul#	89
66) Hexachlorobenzene	17.20	284	533381	19.914	ng/ul	91
67) Atrazine	17.32	200	448742	20.183	ng/ul	97
68) Pentachlorophenol	17.53	266	257682	18.307	ng/ul	99
69) Phenanthrene	17.93	178	2312048	20.197	ng/ul	99
71) Anthracene	18.03	178	2378985	20.411	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	607437	18.543	ng/uL	99
73) Pentachlorobenzene	15.49	250	601267	19.053	ng/uL	99
74) Carbazole	18.28	167	2054058	21.287	ng/ul	99
75) Di-n-butylphthalate	18.81	149	2525602	21.084	ng/ul	100
76) Fluoranthene	19.89	202	2636750	22.271	ng/ul	98
79) Pvrene	20.25	202	2685160	20.219	ng/ul	99
80) Butylbenzylphthalate	21.10	149	946777	20.368	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.88	252	841984	21.885	ng/ul	100
82) Benzo(a)anthracene	21.96	228	2550355	20.461	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.86	149	1397587	20.162	ng/ul	99
84) Chrysene	22.02	228	2366501	20.330	ng/ul	100
86) Di-n-octyl phthalate	22.83	149	1991783	18.967	ng/ul#	89
87) Benzo(b)fluoranthene	23.73	252	2192145	20.408	ng/ul	99
88) Benzo(k)fluoranthene	23.78	252	2217864	21.455	ng/ul	100
90) Benzo(a)pyrene	24.39	252	2049869	20.389	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.12	276	2063117	18.298	ng/ul	96
92) Dibenzo(a,h)anthracene	27.13	278	1726997	18.265	ng/ul	99
93) Benzo(g,h,i)perylene	27.93	276	1659036	18.098	ng/ul	98

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

