

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042618\
 Data File : BM014856.D
 Acq On : 26 Apr 2018 14:27
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02004

Quant Time: Apr 27 01:08:36 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 01:05:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	336672	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1384081	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	718436	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1515614	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1554315	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1592728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	61850	8.02	ng/uL	0.00
5) Phenol-d5	7.62	99	545887	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	359719	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	450455	20.69	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	430570	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	199807	19.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	201856	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	401772	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	535220	26.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1103772	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1402668	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	208249	20.01	ng/ul	0.00
57) Fluorene-d10	16.08	176	953411	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	149567	18.24	ng/ul	0.00
70) Anthracene-d10	17.92	188	1407375	19.93	ng/ul	0.00
76) Pyrene-d10	20.16	212	1479580	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	1565613	20.01	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.68	88	64870	7.996	ng/uL# 82
4) Benzaldehyde	7.62	77	343497	25.089	ng/ul 91
6) Phenol	7.65	94	544832	21.276	ng/ul# 80
8) Bis(2-Chloroethyl)ether	7.90	93	432257	21.110	ng/ul 89
10) 2-Chlorophenol	8.05	128	447026	20.848	ng/ul 97
11) 2-Methylphenol	8.93	108	389828	20.711	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	9.02	45	822223	21.721	ng/ul 96
14) Acetophenone	9.33	105	639464	21.025	ng/ul 88
15) N-Nitroso-di-n-propylamine	9.31	70	328685	20.825	ng/ul# 81
16) 4-Methylphenol	9.26	108	420648	20.768	ng/ul 92
17) Hexachloroethane	9.60	117	173783	19.815	ng/ul# 66
20) Nitrobenzene	9.72	77	494320	20.679	ng/ul 93
21) Isophorone	10.25	82	823560	20.145	ng/ul# 93
23) 2-Nitrophenol	10.45	139	225466	20.827	ng/ul# 76
24) 2,4-Dimethylphenol	10.48	107	464607	20.314	ng/ul# 82
25) Bis(2-Chloroethoxy)methane	10.72	93	548095	19.943	ng/ul 95
27) 2,4-Dichlorophenol	10.97	162	381356	19.726	ng/ul# 88
28) Naphthalene	11.39	128	1334003	19.779	ng/ul 100
30) 4-Chloroaniline	11.49	127	511842	26.383	ng/ul 96
31) Hexachlorobutadiene	11.66	225	230284	18.512	ng/ul 95
32) Caprolactam	12.25	113	109989	19.747	ng/ul# 61
33) 4-Chloro-3-methylphenol	12.57	107	403231	20.620	ng/ul 95
34) 2-Methylnaphthalene	12.97	142	921741	19.680	ng/ul 97

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36) 1,2,4,5-Tetrachlorobenzene	13.32	216	429662	19.078	ng/ul#	97
37) Hexachlorocyclopentadiene	13.30	237	274533	17.694	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	278022	19.986	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	299585	20.164	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1156040	20.010	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	897990	20.016	ng/ul	97
42) 2-Nitroaniline	14.19	65	257847	21.718	ng/ul	93
44) Dimethylphthalate	14.55	163	1070763	19.751	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	206022	20.719	ng/ul	92
47) Acenaphthylene	14.83	152	1364370	20.335	ng/ul	99
48) 3-Nitroaniline	15.00	138	220672	22.553	ng/ul	89
49) Acenaphthene	15.17	153	952826	19.984	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	96719	17.519	ng/ul#	89
52) 4-Nitrophenol	15.28	109	156180	20.821	ng/ul#	81
53) Dibenzofuran	15.50	168	1315453	19.868	ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	297111	20.281	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.71	232	245129	19.444	ng/ul#	80
56) Diethylphthalate	15.89	149	1065507	19.525	ng/ul	93
58) Fluorene	16.14	166	1052833	19.693	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	509858	19.053	ng/ul	93
60) 4-Nitroaniline	16.14	138	227933	19.969	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.20	198	158601	18.611	ng/ul	94
64) N-Nitrosodiphenylamine	16.33	169	885213	20.140	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	311794	19.478	ng/ul	93
66) Hexachlorobenzene	17.13	284	368232	19.800	ng/ul#	91
67) Atrazine	17.25	200	295205	21.033	ng/ul#	92
68) Pentachlorophenol	17.46	266	201397	19.041	ng/ul	99
69) Phenanthrene	17.86	178	1623733	19.949	ng/ul	99
71) Anthracene	17.95	178	1654726	20.032	ng/ul	99
72) Carbazole	18.21	167	1439275	20.424	ng/ul	99
73) Di-n-butylphthalate	18.73	149	1731575	20.207	ng/ul#	97
74) Fluoranthene	19.83	202	1790872	20.181	ng/ul#	82
77) Pyrene	20.19	202	1837346	20.232	ng/ul#	80
78) Butylbenzylphthalate	21.03	149	765236	20.654	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.81	252	613174	20.678	ng/ul#	94
80) Benzo(a)anthracene	21.89	228	1800784	19.812	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.78	149	1098724	20.203	ng/ul#	96
82) Chrysene	21.95	228	1695139	19.922	ng/ul	99
84) Di-n-octyl phthalate	22.73	149	1834953	20.031	ng/ul#	92
85) Benzo(b)fluoranthene	23.63	252	1807698	19.253	ng/ul#	96
86) Benzo(k)fluoranthene	23.69	252	1814095	20.093	ng/ul#	96
88) Benzo(a)pyrene	24.29	252	1744768	19.590	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.97	276	2168626	20.128	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.98	278	1820766	20.070	ng/ul#	93
91) Benzo(g,h,i)perylene	27.76	276	1775701	20.033	ng/ul#	90

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

