

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042618\
 Data File : BM014852.D
 Acq On : 26 Apr 2018 09:29
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02003

Quant Time: Apr 27 00:58:08 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	252452	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1035066	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	539700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1163425	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1269058	20.00	ng/ul	-0.01
83) Perylene-d12	24.39	264	1324506	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	46682	8.07	ng/uL	0.00
5) Phenol-d5	7.62	99	412111	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	271634	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	337441	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	323842	20.81	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	147921	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	146370	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	294107	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	397442	26.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	826744	19.62	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1029638	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	158177	20.23	ng/ul	0.00
57) Fluorene-d10	16.08	176	711228	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	108032	17.16	ng/ul	0.00
70) Anthracene-d10	17.92	188	1073285	19.80	ng/ul	0.00
76) Pyrene-d10	20.15	212	1167043	19.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	1296216	19.92	ng/ul	-0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.68	88	49443	8.127	ng/uL#	82
4) Benzaldehyde	7.62	77	258529	25.183	ng/ul	92
6) Phenol	7.65	94	406040	21.146	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.90	93	324617	21.142	ng/ul	90
10) 2-Chlorophenol	8.05	128	328547	20.435	ng/ul	95
11) 2-Methylphenol	8.93	108	294237	20.847	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	619983	21.842	ng/ul	96
14) Acetophenone	9.33	105	476929	20.912	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.31	70	244781	20.683	ng/ul#	82
16) 4-Methylphenol	9.26	108	318114	20.945	ng/ul	93
17) Hexachloroethane	9.60	117	131905	20.057	ng/ul#	66
20) Nitrobenzene	9.72	77	371748	20.795	ng/ul	95
21) Isophorone	10.25	82	612450	20.033	ng/ul#	92
23) 2-Nitrophenol	10.45	139	163246	20.164	ng/ul#	75
24) 2,4-Dimethylphenol	10.48	107	346844	20.278	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.72	93	407828	19.843	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	286052	19.786	ng/ul#	90
28) Naphthalene	11.39	128	997615	19.779	ng/ul	100
30) 4-Chloroaniline	11.49	127	387860	26.734	ng/ul	93
31) Hexachlorobutadiene	11.66	225	170801	18.360	ng/ul	97
32) Caprolactam	12.25	113	80282	19.273	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.57	107	298146	20.388	ng/ul	95
34) 2-Methylnaphthalene	12.97	142	683605	19.517	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	319712	18.897	ng/ul#	95
37) Hexachlorocyclopentadiene	13.30	237	198988	17.072	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	206120	19.724	ng/ul	95
39) 2,4,5-Trichlorophenol	13.62	196	220027	19.713	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	854134	19.681	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	671833	19.934	ng/ul	97
42) 2-Nitroaniline	14.19	65	190570	21.367	ng/ul	96
44) Dimethylphthalate	14.54	163	800212	19.649	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	149337	19.993	ng/ul#	94
47) Acenaphthylene	14.83	152	1015106	20.140	ng/ul	99
48) 3-Nitroaniline	15.00	138	165581	22.527	ng/ul	87
49) Acenaphthene	15.17	153	710366	19.832	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	68218	16.448	ng/ul	93
52) 4-Nitrophenol	15.27	109	120414	21.369	ng/ul#	85
53) Dibenzofuran	15.50	168	984292	19.789	ng/ul	100
54) 2,4-Dinitrotoluene	15.45	165	220714	20.055	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.71	232	184811	19.514	ng/ul#	82
56) Diethylphthalate	15.88	149	804672	19.628	ng/ul	94
58) Fluorene	16.14	166	789884	19.667	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	381528	18.979	ng/ul	92
60) 4-Nitroaniline	16.15	138	168665	19.670	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.20	198	115419	17.644	ng/ul	93
64) N-Nitrosodiphenylamine	16.33	169	669255	19.836	ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	232305	18.905	ng/ul	93
66) Hexachlorobenzene	17.13	284	278136	19.483	ng/ul#	92
67) Atrazine	17.25	200	225880	20.966	ng/ul#	92
68) Pentachlorophenol	17.46	266	152290	18.757	ng/ul	99
69) Phenanthrene	17.86	178	1244415	19.917	ng/ul	99
71) Anthracene	17.95	178	1268819	20.010	ng/ul	99
72) Carbazole	18.21	167	1128984	20.871	ng/ul	98
73) Di-n-butylphthalate	18.73	149	1317224	20.025	ng/ul#	97
74) Fluoranthene	19.83	202	1412530	20.736	ng/ul#	83
77) Pyrene	20.18	202	1453368	19.601	ng/ul#	77
78) Butylbenzylphthalate	21.02	149	620558	20.514	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.81	252	518983	21.435	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1471755	19.832	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	909170	20.476	ng/ul#	96
82) Chrysene	21.94	228	1390204	20.011	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1525445	20.024	ng/ul#	92
85) Benzo(b)fluoranthene	23.63	252	1564234	20.034	ng/ul#	96
86) Benzo(k)fluoranthene	23.68	252	1433227	19.089	ng/ul#	96
88) Benzo(a)pyrene	24.28	252	1447936	19.550	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.96	276	1767719	19.729	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.97	278	1487786	19.721	ng/ul#	93
91) Benzo(g,h,i)perylene	27.75	276	1443828	19.588	ng/ul#	89

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

