

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014767.D
 Acq On : 20 Apr 2018 17:29
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02091

Quant Time: Apr 20 23:41:20 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:40:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	298778	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1254831	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	669216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1426512	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1424091	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1453592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	48338	7.06	ng/uL	0.00
5) Phenol-d5	7.66	99	457858	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	292595	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	376930	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	366439	19.89	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	173759	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	175624	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	345886	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	446706	24.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	974299	18.65	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1232137	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	183096	18.88	ng/ul	0.00
57) Fluorene-d10	16.12	176	839461	18.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	114863	14.88	ng/ul	0.00
70) Anthracene-d10	17.95	188	1247612	18.77	ng/ul	0.00
76) Pyrene-d10	20.19	212	1300063	19.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	1328481	18.60	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.72	88	52032	7.227	ng/uL#	78
4) Benzaldehyde	7.66	77	291196	23.967	ng/ul	93
6) Phenol	7.69	94	447981	19.713	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.94	93	360703	19.850	ng/ul	89
10) 2-Chlorophenol	8.09	128	369451	19.416	ng/ul	96
11) 2-Methylphenol	8.97	108	332107	19.882	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.07	45	688742	20.502	ng/ul	96
14) Acetophenone	9.38	105	541602	20.066	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.35	70	282793	20.190	ng/ul#	80
16) 4-Methylphenol	9.30	108	360589	20.061	ng/ul	94
17) Hexachloroethane	9.65	117	148559	19.087	ng/ul#	69
20) Nitrobenzene	9.77	77	414657	19.133	ng/ul	92
21) Isophorone	10.29	82	727540	19.630	ng/ul#	93
23) 2-Nitrophenol	10.49	139	190334	19.392	ng/ul#	76
24) 2,4-Dimethylphenol	10.53	107	391885	18.899	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.77	93	466385	18.718	ng/ul	97
27) 2,4-Dichlorophenol	11.02	162	329133	18.779	ng/ul#	87
28) Naphthalene	11.44	128	1130062	18.481	ng/ul	99
30) 4-Chloroaniline	11.53	127	429306	24.408	ng/ul	93
31) Hexachlorobutadiene	11.71	225	200702	17.796	ng/ul	94
32) Caprolactam	12.28	113	98301	19.466	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.62	107	337934	19.061	ng/ul	93
34) 2-Methylnaphthalene	13.01	142	790906	18.626	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.36	216	375799	17.913	ng/ul#	97
37) Hexachlorocyclopentadiene	13.34	237	221680	15.338	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	243697	18.807	ng/ul	98
39) 2,4,5-Trichlorophenol	13.66	196	260946	18.855	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	994905	18.488	ng/ul#	98
41) 2-Chloronaphthalene	14.04	162	777353	18.601	ng/ul	98
42) 2-Nitroaniline	14.23	65	226176	20.452	ng/ul	95
44) Dimethylphthalate	14.58	163	929074	18.398	ng/ul	99
45) 2,6-Dinitrotoluene	14.70	165	180395	19.477	ng/ul#	92
47) Acenaphthylene	14.87	152	1187483	19.001	ng/ul	98
48) 3-Nitroaniline	15.03	138	197423	21.661	ng/ul	88
49) Acenaphthene	15.21	153	825019	18.576	ng/ul	100
50) 2,4-Dinitrophenol	15.23	184	72962	14.187	ng/ul#	79
52) 4-Nitrophenol	15.31	109	133131	19.054	ng/ul#	81
53) Dibenzofuran	15.53	168	1142373	18.522	ng/ul	99
54) 2,4-Dinitrotoluene	15.48	165	262360	19.226	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.75	232	219728	18.711	ng/ul#	88
56) Diethylphthalate	15.92	149	945188	18.594	ng/ul	93
58) Fluorene	16.17	166	916829	18.410	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	447683	17.960	ng/ul	94
60) 4-Nitroaniline	16.18	138	212836	20.018	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	122188	15.234	ng/ul#	89
64) N-Nitrosodiphenylamine	16.36	169	780088	18.857	ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	272289	18.073	ng/ul	93
66) Hexachlorobenzene	17.16	284	318003	18.167	ng/ul#	89
67) Atrazine	17.29	200	264130	19.995	ng/ul	94
68) Pentachlorophenol	17.50	266	176984	17.778	ng/ul	97
69) Phenanthrene	17.90	178	1423786	18.585	ng/ul	99
71) Anthracene	17.99	178	1459096	18.767	ng/ul	99
72) Carbazole	18.24	167	1276689	19.249	ng/ul	99
73) Di-n-butylphthalate	18.76	149	1568541	19.448	ng/ul#	97
74) Fluoranthene	19.86	202	1584267	18.968	ng/ul#	83
77) Pyrene	20.22	202	1615432	19.415	ng/ul#	80
78) Butylbenzylphthalate	21.06	149	705689	20.789	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.84	252	575623	21.186	ng/ul#	96
80) Benzo(a)anthracene	21.92	228	1571652	18.872	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	1040020	20.873	ng/ul#	94
82) Chrysene	21.98	228	1457107	18.690	ng/ul	99
84) Di-n-octyl phthalate	22.76	149	1729244	20.684	ng/ul#	92
85) Benzo(b)fluoranthene	23.67	252	1573760	18.366	ng/ul#	97
86) Benzo(k)fluoranthene	23.72	252	1509908	18.325	ng/ul#	95
88) Benzo(a)pyrene	24.33	252	1495312	18.396	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.03	276	1818353	18.492	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.04	278	1526361	18.436	ng/ul#	92
91) Benzo(g,h,i)perylene	27.83	276	1488456	18.400	ng/ul#	89

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

