

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041918\
 Data File : BM014730.D
 Acq On : 19 Apr 2018 11:30
 Operator : SJ/JU
 Sample : SSTD02083
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02083

Quant Time: Apr 19 12:16:43 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 12:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	313645	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1269364	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	677989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1457442	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1533623	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1557506	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	58309	7.96	ng/uL	0.00
5) Phenol-d5	7.67	99	491794	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	321826	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	410743	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	393451	16.96	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	185240	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	185121	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	378001	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	495503	25.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	1078186	19.26	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1349206	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	199729	25.84	ng/ul	0.00
57) Fluorene-d10	16.12	176	930013	18.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	141741	16.21	ng/ul	0.00
70) Anthracene-d10	17.96	188	1384126	19.68	ng/ul	0.00
76) Pyrene-d10	20.19	212	1483066	18.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1553852	20.50	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.72	88	60101	7.383	ng/uL# 80
4) Benzaldehyde	7.66	77	315116	29.157	ng/ul 88
6) Phenol	7.70	94	488273	17.553	ng/ul# 80
8) Bis(2-Chloroethyl)ether	7.95	93	396786	19.659	ng/ul 89
10) 2-Chlorophenol	8.10	128	401668	19.354	ng/ul 96
11) 2-Methylphenol	8.98	108	356498	16.756	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	9.07	45	736183	36.144	ng/ul 96
14) Acetophenone	9.38	105	590780	14.763	ng/ul 89
15) N-Nitroso-di-n-propylamine	9.36	70	301002	15.010	ng/ul# 79
16) 4-Methylphenol	9.31	108	389043	16.780	ng/ul 97
17) Hexachloroethane	9.66	117	163465	15.120	ng/ul# 69
20) Nitrobenzene	9.77	77	444407	16.019	ng/ul 91
21) Isophorone	10.30	82	763095	16.081	ng/ul# 92
23) 2-Nitrophenol	10.49	139	200792	19.095	ng/ul# 75
24) 2,4-Dimethylphenol	10.53	107	429530	16.661	ng/ul# 82
25) Bis(2-Chloroethoxy)methane	10.77	93	515001	20.603	ng/ul 94
27) 2,4-Dichlorophenol	11.03	162	362092	18.977	ng/ul# 90
28) Naphthalene	11.45	128	1252677	19.214	ng/ul 99
30) 4-Chloroaniline	11.54	127	475854	23.551	ng/ul 95
31) Hexachlorobutadiene	11.72	225	233729	15.440	ng/ul 96
32) Caprolactam	12.29	113	99476	16.278	ng/ul# 60
33) 4-Chloro-3-methylphenol	12.62	107	371503	16.114	ng/ul 94
34) 2-Methylnaphthalene	13.02	142	869878	17.530	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	433252	19.907	ng/ul#	97
37) Hexachlorocyclopentadiene	13.35	237	289974	24.483	ng/ul	100
38) 2,4,6-Trichlorophenol	13.60	196	274248	20.198	ng/ul	98
39) 2,4,5-Trichlorophenol	13.66	196	286082	20.617	ng/ul	100
40) 1,1'-Biphenyl	13.99	154	1115998	21.368	ng/ul#	98
41) 2-Chloronaphthalene	14.05	162	861956	20.660	ng/ul	99
42) 2-Nitroaniline	14.23	65	231781	16.419	ng/ul	95
44) Dimethylphthalate	14.58	163	1040969	18.855	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	194848	18.576	ng/ul	90
47) Acenaphthylene	14.87	152	1301232	19.940	ng/ul	100
48) 3-Nitroaniline	15.04	138	206788	23.260	ng/ul	86
49) Acenaphthene	15.21	153	914131	19.894	ng/ul	100
50) 2,4-Dinitrophenol	15.23	184	90007	15.955	ng/ul#	62
52) 4-Nitrophenol	15.32	109	146324	14.438	ng/ul#	81
53) Dibenzofuran	15.54	168	1277428	18.541	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	285271	16.974	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.75	232	243846	17.378	ng/ul#	86
56) Diethylphthalate	15.92	149	1040159	16.907	ng/ul	95
58) Fluorene	16.18	166	1024535	17.225	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	511960	16.455	ng/ul	95
60) 4-Nitroaniline	16.18	138	214289	21.493	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	151131	16.984	ng/ul	94
64) N-Nitrosodiphenylamine	16.37	169	863737	20.623	ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	313001	19.246	ng/ul	94
66) Hexachlorobenzene	17.17	284	359813	21.039	ng/ul#	93
67) Atrazine	17.29	200	293787	17.762	ng/ul	92
68) Pentachlorophenol	17.50	266	196666	21.945	ng/ul	100
69) Phenanthrene	17.90	178	1574797	18.754	ng/ul	99
71) Anthracene	17.99	178	1620770	19.192	ng/ul	99
72) Carbazole	18.25	167	1403817	19.769	ng/ul	99
73) Di-n-butylphthalate	18.77	149	1702609	18.585	ng/ul#	97
74) Fluoranthene	19.86	202	1780592	17.748	ng/ul#	84
77) Pyrene	20.22	202	1827247	17.928	ng/ul#	82
78) Butylbenzylphthalate	21.06	149	748255	17.756	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.84	252	649373	24.084	ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1833745	19.159	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	1097818	18.190	ng/ul#	97
82) Chrysene	21.99	228	1706641	19.114	ng/ul	99
84) Di-n-octyl phthalate	22.77	149	1820930	13.624	ng/ul#	94
85) Benzo(b)fluoranthene	23.68	252	1864692	17.880	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	1790983	18.063	ng/ul#	95
88) Benzo(a)pyrene	24.33	252	1770984	19.004	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	2127107	23.522	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.05	278	1791090	23.836	ng/ul#	94
91) Benzo(g,h,i)perylene	27.84	276	1743725	23.803	ng/ul#	90

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

