

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014752.D
 Acq On : 20 Apr 2018 03:12
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02089

Quant Time: Apr 20 08:37:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	357333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1494291	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	815897	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1775707	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1814378	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1846781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	66290	8.10	ng/uL	0.00
5) Phenol-d5	7.66	99	608657	22.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	388406	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	502789	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	491069	22.29	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	231976	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	239269	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	477459	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	622465	28.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1344437	21.11	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1694414	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	257020	21.74	ng/ul	0.00
57) Fluorene-d10	16.12	176	1156612	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	185555	19.31	ng/ul	0.00
70) Anthracene-d10	17.96	188	1748491	21.13	ng/ul	0.00
76) Pyrene-d10	20.19	212	1850304	21.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1913880	21.09	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.71	88	69565	8.079	ng/uL#	80
4) Benzaldehyde	7.66	77	385820	26.551	ng/ul	92
6) Phenol	7.69	94	596816	21.959	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.94	93	471690	21.704	ng/ul	89
10) 2-Chlorophenol	8.09	128	491635	21.603	ng/ul	97
11) 2-Methylphenol	8.97	108	445336	22.292	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.07	45	898145	22.354	ng/ul	97
14) Acetophenone	9.38	105	717877	22.238	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.35	70	377363	22.527	ng/ul#	79
16) 4-Methylphenol	9.30	108	481745	22.409	ng/ul	90
17) Hexachloroethane	9.65	117	197387	21.205	ng/ul#	69
20) Nitrobenzene	9.77	77	550593	21.334	ng/ul	93
21) Isophorone	10.29	82	987868	22.382	ng/ul#	93
23) 2-Nitrophenol	10.49	139	259620	22.213	ng/ul#	74
24) 2,4-Dimethylphenol	10.53	107	530630	21.489	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.77	93	626697	21.122	ng/ul	95
27) 2,4-Dichlorophenol	11.02	162	442856	21.218	ng/ul#	89
28) Naphthalene	11.44	128	1507792	20.707	ng/ul	100
30) 4-Chloroaniline	11.54	127	599062	28.602	ng/ul	94
31) Hexachlorobutadiene	11.72	225	268779	20.013	ng/ul	93
32) Caprolactam	12.29	113	140278	23.327	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.62	107	467491	22.143	ng/ul	92
34) 2-Methylnaphthalene	13.01	142	1072413	21.208	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	519879	20.326	ng/ul#	97
37) Hexachlorocyclopentadiene	13.34	237	340325	19.314	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	339968	21.520	ng/ul	96
39) 2,4,5-Trichlorophenol	13.66	196	362983	21.512	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	1369324	20.871	ng/ul#	98
41) 2-Chloronaphthalene	14.04	162	1053667	20.680	ng/ul	98
42) 2-Nitroaniline	14.23	65	311788	23.124	ng/ul	94
44) Dimethylphthalate	14.58	163	1298540	21.091	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	255635	22.638	ng/ul	87
47) Acenaphthylene	14.87	152	1640307	21.528	ng/ul	99
48) 3-Nitroaniline	15.03	138	273527	24.616	ng/ul	90
49) Acenaphthene	15.21	153	1141454	21.080	ng/ul	99
50) 2,4-Dinitrophenol	15.23	184	119039	18.986	ng/ul#	78
52) 4-Nitrophenol	15.32	109	185803	21.812	ng/ul#	80
53) Dibenzofuran	15.54	168	1565164	20.815	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	376442	22.626	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.75	232	310043	21.655	ng/ul#	85
56) Diethylphthalate	15.92	149	1318513	21.275	ng/ul	94
58) Fluorene	16.17	166	1270835	20.931	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	630200	20.737	ng/ul	95
60) 4-Nitroaniline	16.18	138	285280	22.008	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	192543	19.285	ng/ul	94
64) N-Nitrosodiphenylamine	16.37	169	1086529	21.099	ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	384122	20.482	ng/ul	96
66) Hexachlorobenzene	17.16	284	450752	20.687	ng/ul#	92
67) Atrazine	17.29	200	376726	22.910	ng/ul#	92
68) Pentachlorophenol	17.50	266	254432	20.532	ng/ul	98
69) Phenanthrene	17.90	178	1976659	20.728	ng/ul	99
71) Anthracene	17.99	178	2042697	21.106	ng/ul	99
72) Carbazole	18.24	167	1789489	21.674	ng/ul	99
73) Di-n-butylphthalate	18.77	149	2229342	22.205	ng/ul#	97
74) Fluoranthene	19.86	202	2247631	21.618	ng/ul#	83
77) Pyrene	20.22	202	2273476	21.446	ng/ul#	82
78) Butylbenzylphthalate	21.06	149	1016134	23.495	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.84	252	813560	23.503	ng/ul#	94
80) Benzo(a)anthracene	21.93	228	2249432	21.201	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	1483245	23.365	ng/ul#	97
82) Chrysene	21.99	228	2096242	21.104	ng/ul	99
84) Di-n-octyl phthalate	22.76	149	2477728	23.327	ng/ul#	92
85) Benzo(b)fluoranthene	23.68	252	2268653	20.839	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	2159768	20.631	ng/ul#	96
88) Benzo(a)pyrene	24.33	252	2142571	20.747	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.03	276	2577562	20.632	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.04	278	2168171	20.612	ng/ul#	92
91) Benzo(g,h,i)perylene	27.83	276	2115210	20.581	ng/ul#	90

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

