

Data Path : Z:\HPCHEM1\BNA_G\Data\BG061617\
 Data File : BG027472.D
 Acq On : 16 Jun 2017 15:27
 Operator : SJ/MA
 Sample : SSTD16083
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16083

Quant Time: Jun 16 16:02:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 16:02:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	44051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	224382	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	142664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	334843	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	382080	20.00	ng/ul	0.01
83) Perylene-d12	25.90	264	332360	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	66167	67.05	ng/uL	0.00
5) Phenol-d5	7.67	99	821666	172.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.84	67	521690	160.23	ng/ul	0.01
9) 2-Chlorophenol-d4	8.06	132	571950	177.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.21	113	642068	171.91	ng/ul	0.02
19) Nitrobenzene-d5	9.69	128	293601	176.43	ng/ul	0.01
22) 2-Nitrophenol-d4	10.42	143	329009	184.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.96	165	580208	174.20	ng/ul	0.01
29) 4-Chloroaniline-d4	11.47	131	366499	88.50	ng/ul	0.01
43) Dimethylphthalate-d6	14.51	166	1794097	151.75	ng/ul	0.01
46) Acenaphthylene-d8	14.81	160	2173115	158.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	387747	165.93	ng/ul	0.03
57) Fluorene-d10	16.10	176	1706697	153.54	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.23	200	397710	191.26	ng/ul	0.03
70) Anthracene-d10	17.97	188	2357325	152.42	ng/ul	0.01
76) Pyrene-d10	20.23	212	2525714	138.93	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.67	264	2618957	172.30	ng/ul	0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	4.11	88	73538	64.555	ng/uL#	88
4) Benzaldehyde	7.67	77	354897	127.063	ng/ul	90
6) Phenol	7.70	94	845626	168.926	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.94	93	594398	161.459	ng/ul	95
10) 2-Chlorophenol	8.10	128	570971	176.094	ng/ul	92
11) 2-Methylphenol	8.95	108	618771	170.991	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.04	45	947545	154.625	ng/ul#	96
14) Acetophenone	9.35	105	937990	162.502	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.34	70	562480	170.267	ng/ul#	83
16) 4-Methylphenol	9.29	108	668879	168.313	ng/ul	99
17) Hexachloroethane	9.62	117	209196	169.668	ng/ul#	82
20) Nitrobenzene	9.74	77	768225	166.069	ng/ul	90
21) Isophorone	10.28	82	1494839	164.239	ng/ul#	96
23) 2-Nitrophenol	10.45	139	351618	180.229	ng/ul#	75
24) 2,4-Dimethylphenol	10.49	107	754060	165.352	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	10.73	93	883027	158.790	ng/ul	94
27) 2,4-Dichlorophenol	10.99	162	570647	170.337	ng/ul	96
28) Naphthalene	11.40	128	1764890	154.172	ng/ul	96
30) 4-Chloroaniline	11.50	127	378378	92.586	ng/ul	93
31) Hexachlorobutadiene	11.67	225	333844	163.419	ng/ul	90
32) Caprolactam	12.30	113	137765	103.424	ng/ul	94
33) 4-Chloro-3-methylphenol	12.58	107	743190	168.768	ng/ul	96
34) 2-Methylnaphthalene	12.97	142	1328915	156.159	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	711156	166.935	ng/ul	97
37) Hexachlorocyclopentadiene	13.30	237	420139	177.636	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	506793	177.402	ng/ul	91
39) 2,4,5-Trichlorophenol	13.64	196	515656	174.085	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1711547	152.980	ng/ul#	90
41) 2-Chloronaphthalene	14.00	162	1349273	158.765	ng/ul	92
42) 2-Nitroaniline	14.20	65	582692	177.883	ng/ul	92
44) Dimethylphthalate	14.56	163	1758160	150.214	ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	414686	182.683	ng/ul#	91
47) Acenaphthylene	14.85	152	2076600	152.100	ng/ul	94
48) 3-Nitroaniline	15.02	138	344417	143.895	ng/ul#	97
49) Acenaphthene	15.18	153	1485770	155.399	ng/ul	98
50) 2,4-Dinitrophenol	15.22	184	293379	191.989	ng/ul#	82
52) 4-Nitrophenol	15.32	109	301782	162.381	ng/ul#	51
53) Dibenzofuran	15.51	168	2051959	148.512	ng/ul	97
54) 2,4-Dinitrotoluene	15.47	165	596265	173.571	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.73	232	502627	174.402	ng/ul#	92
56) Diethylphthalate	15.91	149	1837866	148.836	ng/ul	94
58) Fluorene	16.16	166	1739457	151.202	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.14	204	923669	158.331	ng/ul	89
60) 4-Nitroaniline	16.20	138	480689	163.968	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	16.24	198	405956	185.042	ng/ul#	95
64) N-Nitrosodiphenylamine	16.36	169	1572232	162.684	ng/ul	97
65) 4-Bromophenyl-phenylether	17.04	248	609521	176.100	ng/ul	92
66) Hexachlorobenzene	17.17	284	624439	172.128	ng/ul	98
67) Atrazine	17.30	200	534990	145.012	ng/ul	97
68) Pentachlorophenol	17.50	266	428781	180.848	ng/ul	92
69) Phenanthrene	17.91	178	2586481	146.218	ng/ul#	92
71) Anthracene	18.01	178	2614533	145.488	ng/ul#	91
72) Carbazole	18.27	167	2302093	146.292	ng/ul#	91
73) Di-n-butylphthalate	18.78	149	2733661	143.393	ng/ul#	96
74) Fluoranthene	19.90	202	2834939	140.027	ng/ul#	76
77) Pyrene	20.26	202	2863393	131.328	ng/ul#	69
78) Butylbenzylphthalate	21.14	149	1434858	167.089	ng/ul	94
79) 3,3'-Dichlorobenzidine	22.12	252	1140533	162.165	ng/ul#	93
80) Benzo(a)anthracene	22.23	228	3088487	147.435	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	22.07	149	2026599	164.791	ng/ul#	91
82) Chrysene	22.30	228	2812381	148.464	ng/ul	90
84) Di-n-octyl phthalate	23.44	149	3349540	160.844	ng/ul	100
85) Benzo(b)fluoranthene	24.75	252	3309001	165.928	ng/ul#	91
86) Benzo(k)fluoranthene	24.82	252	3100729	162.465	ng/ul#	92
88) Benzo(a)pyrene	25.76	252	3179776	166.045	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	30.17	276	3871666	175.085	ng/ul#	87
90) Dibenzo(a,h)anthracene	30.25	278	3265054	172.532	ng/ul#	92
91) Benzo(g,h,i)perylene	31.51	276	3119215	172.788	ng/ul#	86

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

