

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027473.D
 Acq On : 16 Jun 2017 16:07
 Operator : SJ/MA
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV84

Quant Time: Jun 16 17:32:24 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 16 16:18:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	41918	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	202502	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	134484	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	347766	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	389685	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	351586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	8084	7.71	ng/uL	0.00
5) Phenol-d5	7.65	99	88697	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	62312	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	60833	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	71961	20.25	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	31255	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	33292	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	62041	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	92343	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	230499	20.47	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	264458	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	44177	20.06	ng/ul	0.00
57) Fluorene-d10	16.09	176	213019	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	41796	19.35	ng/ul	0.00
70) Anthracene-d10	17.95	188	330009	20.35	ng/ul	0.00
76) Pyrene-d10	20.23	212	386671	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	322281	20.36	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	4.11	88	8990	7.409	ng/uL# 88
4) Benzaldehyde	7.66	77	62979	23.696	ng/ul 90
6) Phenol	7.68	94	93383	19.604	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.92	93	70200	20.039	ng/ul 97
10) 2-Chlorophenol	8.09	128	63980	21.162	ng/ul 88
11) 2-Methylphenol	8.93	108	68127	19.784	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	9.03	45	119226	20.446	ng/ul 98
14) Acetophenone	9.33	105	112024	20.395	ng/ul# 88
15) N-Nitroso-di-n-propylamine	9.30	70	67269	21.677	ng/ul# 82
16) 4-Methylphenol	9.26	108	76115	20.128	ng/ul 96
17) Hexachloroethane	9.61	117	23490	20.266	ng/ul# 82
20) Nitrobenzene	9.73	77	88077	21.258	ng/ul# 93
21) Isophorone	10.24	82	173234	21.202	ng/ul# 96
23) 2-Nitrophenol	10.44	139	37187	21.668	ng/ul# 78
24) 2,4-Dimethylphenol	10.47	107	86496	21.158	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.71	93	103407	20.573	ng/ul 97
27) 2,4-Dichlorophenol	10.97	162	61892	20.739	ng/ul 98
28) Naphthalene	11.39	128	214041	20.568	ng/ul 96
30) 4-Chloroaniline	11.49	127	89322	24.218	ng/ul 95
31) Hexachlorobutadiene	11.66	225	37840	20.612	ng/ul 90
32) Caprolactam	12.24	113	27894	21.193	ng/ul 98
33) 4-Chloro-3-methylphenol	12.57	107	84084	21.392	ng/ul 96
34) 2-Methylnaphthalene	12.96	142	160269	20.768	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	78779	19.789	ng/ul	95
37) Hexachlorocyclopentadiene	13.29	237	43710	19.605	ng/ul	98
38) 2,4,6-Trichlorophenol	13.54	196	53085	20.151	ng/ul	95
39) 2,4,5-Trichlorophenol	13.62	196	56736	20.683	ng/ul	98
40) 1,1'-Biphenyl	13.94	154	213415	20.060	ng/ul#	96
41) 2-Chloronaphthalene	13.99	162	160056	19.948	ng/ul	95
42) 2-Nitroaniline	14.19	65	66969	22.184	ng/ul	97
44) Dimethylphthalate	14.54	163	228466	20.457	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	45815	22.036	ng/ul#	89
47) Acenaphthylene	14.83	152	264983	20.388	ng/ul	99
48) 3-Nitroaniline	15.00	138	49793	22.068	ng/ul#	91
49) Acenaphthene	15.17	153	183309	20.223	ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	28014	19.448	ng/ul	94
52) 4-Nitrophenol	15.29	109	37245	21.260	ng/ul#	53
53) Dibenzofuran	15.50	168	266330	20.159	ng/ul	95
54) 2,4-Dinitrotoluene	15.45	165	70100	22.021	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.72	232	55686	20.873	ng/ul#	91
56) Diethylphthalate	15.89	149	247483	20.968	ng/ul	99
58) Fluorene	16.15	166	224240	20.453	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	110773	20.101	ng/ul	92
60) 4-Nitroaniline	16.16	138	58911	21.317	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	16.21	198	45052	19.772	ng/ul#	96
64) N-Nitrosodiphenylamine	16.34	169	199590	19.952	ng/ul	96
65) 4-Bromophenyl-phenylether	17.03	248	69453	19.717	ng/ul	90
66) Hexachlorobenzene	17.15	284	73804	19.890	ng/ul	93
67) Atrazine	17.28	200	80101	20.905	ng/ul	97
68) Pentachlorophenol	17.49	266	47494	19.287	ng/ul	94
69) Phenanthrene	17.90	178	374828	20.057	ng/ul	98
71) Anthracene	17.99	178	389860	20.516	ng/ul	99
72) Carbazole	18.25	167	346350	21.192	ng/ul	99
73) Di-n-butylphthalate	18.78	149	432394	21.394	ng/ul#	97
74) Fluoranthene	19.89	202	453278	21.557	ng/ul#	86
77) Pyrene	20.25	202	475436	20.640	ng/ul#	82
78) Butylbenzylphthalate	21.13	149	181609	20.921	ng/ul	94
79) 3,3'-Dichlorobenzidine	22.11	252	152059	21.198	ng/ul#	95
80) Benzo(a)anthracene	22.21	228	441676	20.353	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	22.07	149	262771	21.076	ng/ul#	99
82) Chrysene	22.28	228	395151	20.162	ng/ul	99
84) Di-n-octyl phthalate	23.43	149	446939	20.288	ng/ul	100
85) Benzo(b)fluoranthene	24.72	252	419778	20.047	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	415110	20.624	ng/ul#	95
88) Benzo(a)pyrene	25.71	252	411010	20.443	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.10	276	469324	20.449	ng/ul#	90
90) Dibenzo(a,h)anthracene	30.16	278	400219	20.310	ng/ul#	89
91) Benzo(g,h,i)perylene	31.41	276	379288	20.184	ng/ul#	89

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

