

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
 Data File : BG028602.D
 Acq On : 8 Sep 2017 14:15
 Operator : SJ/JU
 Sample : SSTD01054
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01054

Quant Time: Sep 08 15:53:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 08 15:50:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	35079	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	134042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	94585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	252890	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	299888	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	285783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2951	4.64	ng/uL	0.00
5) Phenol-d5	7.50	99	28625	9.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	19361	11.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	22052	9.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	24756	10.37	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	10632	10.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	11945	10.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	23527	10.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	17310	8.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	85517	10.43	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	97593	10.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	12586	10.60	ng/ul	0.00
57) Fluorene-d10	15.94	176	76396	9.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	14775	8.41	ng/ul	0.00
70) Anthracene-d10	17.79	188	121343	9.95	ng/ul	0.00
76) Pyrene-d10	20.07	212	145833	10.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	136361	10.22	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.85	88	3816	4.944 ng/uL#	74
4) Benzaldehyde	7.48	77	22261	12.452 ng/ul	93
6) Phenol	7.52	94	29464	10.533 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.74	93	22689	11.253 ng/ul	95
10) 2-Chlorophenol	7.90	128	21448	10.187 ng/ul	97
11) 2-Methylphenol	8.77	108	21157	10.299 ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.86	45	42521	11.183 ng/ul#	94
14) Acetophenone	9.16	105	36133	10.741 ng/ul	95
15) N-Nitroso-di-n-propylamine	9.13	70	19628	11.380 ng/ul	93
16) 4-Methylphenol	9.10	108	24274	10.783 ng/ul	87
17) Hexachloroethane	9.42	117	10545	12.437 ng/ul	87
20) Nitrobenzene	9.55	77	32137	14.094 ng/ul	96
21) Isophorone	10.06	82	57182	13.769 ng/ul	97
23) 2-Nitrophenol	10.26	139	13072	11.446 ng/ul#	85
24) 2,4-Dimethylphenol	10.31	107	28751	12.031 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	31747	12.742 ng/ul	95
27) 2,4-Dichlorophenol	10.80	162	21482	9.557 ng/ul	94
28) Naphthalene	11.20	128	69386	10.923 ng/ul#	95
30) 4-Chloroaniline	11.31	127	17121	8.815 ng/ul#	85
31) Hexachlorobutadiene	11.47	225	18932	10.530 ng/ul	91
32) Caprolactam	12.07	113	8266	12.359 ng/ul	90
33) 4-Chloro-3-methylphenol	12.42	107	28008	13.069 ng/ul	91
34) 2-Methylnaphthalene	12.79	142	54706	10.651 ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	33801	9.501	ng/ul#	91
37) Hexachlorocyclopentadiene	13.12	237	7128	3.386	ng/ul	90
38) 2,4,6-Trichlorophenol	13.39	196	21119	9.841	ng/ul	92
39) 2,4,5-Trichlorophenol	13.47	196	22996	9.972	ng/ul	93
40) 1,1'-Biphenyl	13.78	154	70749	9.788	ng/ul	97
41) 2-Chloronaphthalene	13.83	162	57140	10.000	ng/ul	96
42) 2-Nitroaniline	14.03	65	20895	12.795	ng/ul	94
44) Dimethylphthalate	14.38	163	80802	10.822	ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	17104	11.324	ng/ul#	87
47) Acenaphthylene	14.67	152	89608	9.787	ng/ul	97
48) 3-Nitroaniline	14.86	138	12010	9.148	ng/ul#	86
49) Acenaphthene	15.01	153	62372	10.068	ng/ul	94
50) 2,4-Dinitrophenol	15.07	184	4538	5.216	ng/ul#	66
52) 4-Nitrophenol	15.17	109	11161	11.666	ng/ul#	85
53) Dibenzofuran	15.34	168	91769	10.019	ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	25195	11.444	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.57	232	20916	9.518	ng/ul#	97
56) Diethylphthalate	15.73	149	84659	10.873	ng/ul	99
58) Fluorene	15.99	166	76641	9.732	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.97	204	44492	10.189	ng/ul#	84
60) 4-Nitroaniline	16.02	138	16689	10.712	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	16.07	198	14993	8.927	ng/ul#	86
64) N-Nitrosodiphenylamine	16.19	169	67199	9.859	ng/ul	93
65) 4-Bromophenyl-phenylether	16.87	248	29183	9.469	ng/ul	99
66) Hexachlorobenzene	17.00	284	30984	9.562	ng/ul	94
67) Atrazine	17.13	200	29180	9.730	ng/ul	96
68) Pentachlorophenol	17.36	266	10706	6.082	ng/ul	88
69) Phenanthrene	17.74	178	128818	9.939	ng/ul	98
71) Anthracene	17.83	178	136357	10.264	ng/ul	98
72) Carbazole	18.10	167	114123	10.418	ng/ul	96
73) Di-n-butylphthalate	18.62	149	144642	12.043	ng/ul#	95
74) Fluoranthene	19.74	202	167271	10.543	ng/ul	98
77) Pyrene	20.10	202	174210	10.964	ng/ul	99
78) Butylbenzylphthalate	20.96	149	65448	12.849	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.91	252	47524	9.747	ng/ul	98
80) Benzo(a)anthracene	22.01	228	174775	10.774	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	92547	12.751	ng/ul	95
82) Chrysene	22.08	228	157812	10.688	ng/ul	99
84) Di-n-octyl phthalate	23.16	149	157489	11.882	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	171487	10.515	ng/ul	97
86) Benzo(k)fluoranthene	24.48	252	161886	10.120	ng/ul	98
88) Benzo(a)pyrene	25.37	252	165823	10.523	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.56	276	195209	10.924	ng/ul#	98
90) Dibenzo(a,h)anthracene	29.61	278	164909	10.994	ng/ul	94
91) Benzo(g,h,i)perylene	30.83	276	159319	10.806	ng/ul	97

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

