

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072817\
 Data File : BG028047.D
 Acq On : 28 Jul 2017 8:50
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02080

Manual Integrations
 APPROVED

Sohil
 7/28/2017 5:13:36 PM

Quant Time: Jul 28 13:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 28 12:18:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	29911	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	138693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	109282	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	318400	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	419394	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	406816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	4015	8.70	ng/uL	0.00
5) Phenol-d5	7.51	99	44637	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	22953	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	40793	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	41087	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	20315	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25491	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	50001	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	58533	23.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	200884	20.31	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	215654	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	27149	18.27	ng/ul	0.00
58) Fluorene-d10	15.96	176	185396	20.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	42413	18.71	ng/ul	0.00
71) Anthracene-d10	17.82	188	307776	20.19	ng/ul	0.00
79) Pyrene-d10	20.10	212	372760	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	381701	20.40	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.88	88	3950	7.983 ng/uL#	85
4) Benzaldehyde	7.51	77	23107	20.668 ng/ul	85
6) Phenol	7.54	94	43130	19.683 ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.78	93	30879	19.909 ng/ul	95
10) 2-Chlorophenol	7.93	128	35796	20.402 ng/ul	94
11) 2-Methylphenol	8.80	108	33551	19.638 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.89	45	40534	19.907 ng/ul	96
14) Acetophenone	9.19	105	60260	20.565 ng/ul	92
15) N-Nitroso-di-n-propylamine	9.16	70	27260	19.818 ng/ul#	86
16) 4-Methylphenol	9.12	108	37867	19.977 ng/ul	98
17) Hexachloroethane	9.46	117	14337	20.426 ng/ul#	75
20) Nitrobenzene	9.57	77	39314	18.885 ng/ul#	86
21) Isophorone	10.10	82	80360	20.201 ng/ul#	87
23) 2-Nitrophenol	10.29	139	24124	20.277 ng/ul	89
24) 2,4-Dimethylphenol	10.33	107	48919	20.557 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.57	93	47534	20.570 ng/ul#	95
27) 2,4-Dichlorophenol	10.83	162	47549	20.534 ng/ul	97
28) Naphthalene	11.24	128	128460	20.521 ng/ul	98
30) 4-Chloroaniline	11.34	127	55394	23.748 ng/ul	100
31) Hexachlorobutadiene	11.51	225	42232	21.080 ng/ul	98
32) Caprolactam	12.11	113	15316m	20.608 ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	47271	20.951 ng/ul	87
34) 2-Methylnaphthalene	12.82	142	109277	20.227 ng/ul	97

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35) 1-Methylnaphthalene	13.03	142	107792	20.577	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	85039	20.199	ng/ul#	96
38) Hexachlorocyclopentadiene	13.16	237	43803	17.744	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.41	196	48212	19.186	ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	51952	19.460	ng/ul	98
41) 1,1'-Biphenyl	13.81	154	157053	19.773	ng/ul#	95
42) 2-Chloronaphthalene	13.86	162	129949	20.285	ng/ul	96
43) 2-Nitroaniline	14.06	65	30263	20.044	ng/ul	96
45) Dimethylphthalate	14.41	163	184951	20.412	ng/ul	100
46) 2,6-Dinitrotoluene	14.54	165	37409	20.568	ng/ul#	82
48) Acenaphthylene	14.70	152	208093	20.522	ng/ul	99
49) 3-Nitroaniline	14.87	138	32423	21.450	ng/ul	92
50) Acenaphthene	15.04	153	140403	20.220	ng/ul	98
51) 2,4-Dinitrophenol	15.08	184	18933	16.308	ng/ul	96
53) 4-Nitrophenol	15.17	109	23600	19.531	ng/ul	94
54) Dibenzofuran	15.37	168	214158	20.285	ng/ul	97
55) 2,4-Dinitrotoluene	15.33	165	58064	21.376	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.60	232	57289	20.151	ng/ul#	92
57) Diethylphthalate	15.77	149	192174	20.203	ng/ul	96
59) Fluorene	16.02	166	185631	20.267	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.00	204	114291	20.890	ng/ul	95
61) 4-Nitroaniline	16.04	138	36656	20.417	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.09	198	40191	18.501	ng/ul#	93
65) N-Nitrosodiphenylamine	16.21	169	159603	19.858	ng/ul	100
66) 4-Bromophenyl-phenylether	16.90	248	84987	20.758	ng/ul	93
67) Hexachlorobenzene	17.03	284	95410	20.492	ng/ul#	88
68) Atrazine	17.15	200	75201	19.611	ng/ul	97
69) Pentachlorophenol	17.37	266	43364	17.839	ng/ul	97
70) Phenanthrene	17.76	178	319045	20.155	ng/ul	98
72) Anthracene	17.86	178	332132	20.150	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	85216	19.189	ng/uL	96
74) Pentachlorobenzene	15.29	250	130227	19.733	ng/uL	97
75) Carbazole	18.13	167	269669	19.979	ng/ul	97
76) Di-n-butylphthalate	18.65	149	301319	20.106	ng/ul	98
77) Fluoranthene	19.76	202	420885	20.803	ng/ul#	93
80) Pyrene	20.13	202	444165	20.404	ng/ul#	93
81) Butylbenzylphthalate	21.00	149	125758	19.441	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.94	252	161710	21.076	ng/ul#	95
83) Benzo(a)anthracene	22.04	228	443045	19.888	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	183902	19.433	ng/ul#	96
85) Chrysene	22.11	228	409078	20.074	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	311037	19.398	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	464180	20.495	ng/ul#	99
89) Benzo(k)fluoranthene	24.52	252	452083	20.475	ng/ul#	97
91) Benzo(a)pyrene	25.41	252	450134	20.655	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.60	276	256571	9.701	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.68	278	461506	20.345	ng/ul#	95
94) Benzo(g,h,i)perylene	30.87	276	454156	20.714	ng/ul#	96

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

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