

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
 Data File : BG028057.D
 Acq On : 28 Jul 2017 15:28
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02081

Manual Integrations
 APPROVED

Sohil
 7/28/2017 5:13:50 PM

Quant Time: Jul 28 16:59:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 28 13:35:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	29522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	135201	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	105663	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	311393	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	400423	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	400567	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3465	7.61	ng/uL	0.00
5) Phenol-d5	7.51	99	42087	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	21187	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	38754	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	39084	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	19107	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	24739	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	48098	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	56739	23.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.37	166	196216	20.52	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	211984	20.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	27996	19.49	ng/ul	0.00
58) Fluorene-d10	15.96	176	178065	20.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.08	200	40091	18.08	ng/ul	0.00
71) Anthracene-d10	17.82	188	297452	19.95	ng/ul	0.00
79) Pyrene-d10	20.10	212	358210	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	367813	19.96	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.88	88	3493	7.152	ng/uL 94
4) Benzaldehyde	7.51	77	23220	21.043	ng/ul 91
6) Phenol	7.53	94	40285	18.627	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.77	93	29483	19.259	ng/ul 98
10) 2-Chlorophenol	7.93	128	34649	20.009	ng/ul 94
11) 2-Methylphenol	8.79	108	30811	18.272	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.88	45	37452	18.636	ng/ul 98
14) Acetophenone	9.19	105	57177	19.770	ng/ul 95
15) N-Nitroso-di-n-propylamine	9.16	70	27331	20.132	ng/ul# 94
16) 4-Methylphenol	9.12	108	36912	19.730	ng/ul 96
17) Hexachloroethane	9.46	117	14290	20.627	ng/ul# 73
20) Nitrobenzene	9.58	77	38862	19.150	ng/ul# 77
21) Isophorone	10.09	82	77948	20.100	ng/ul# 89
23) 2-Nitrophenol	10.29	139	23189	19.995	ng/ul 90
24) 2,4-Dimethylphenol	10.33	107	45009	19.403	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.57	93	45086	20.014	ng/ul# 97
27) 2,4-Dichlorophenol	10.83	162	45307	20.072	ng/ul 95
28) Naphthalene	11.24	128	123791	20.286	ng/ul 99
30) 4-Chloroaniline	11.34	127	51383	22.598	ng/ul 99
31) Hexachlorobutadiene	11.52	225	41098	21.044	ng/ul 90
32) Caprolactam	12.11	113	14734m	20.337	ng/ul
33) 4-Chloro-3-methylphenol	12.43	107	44247	20.118	ng/ul 97
34) 2-Methylnaphthalene	12.82	142	107866	20.482	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	105507	20.661	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	81309	19.974	ng/ul#	96
38) Hexachlorocyclopentadiene	13.16	237	43911	18.397	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.41	196	47068	19.372	ng/ul	96
40) 2,4,5-Trichlorophenol	13.49	196	49311	19.103	ng/ul	99
41) 1,1'-Biphenyl	13.81	154	154138	20.070	ng/ul#	98
42) 2-Chloronaphthalene	13.86	162	126078	20.355	ng/ul	97
43) 2-Nitroaniline	14.06	65	27855	19.081	ng/ul	91
45) Dimethylphthalate	14.41	163	180261	20.576	ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	36159	20.561	ng/ul	91
48) Acenaphthylene	14.70	152	202165	20.620	ng/ul	98
49) 3-Nitroaniline	14.88	138	30925	21.159	ng/ul	92
50) Acenaphthene	15.04	153	136932	20.396	ng/ul	97
51) 2,4-Dinitrophenol	15.08	184	19431	17.310	ng/ul	94
53) 4-Nitrophenol	15.17	109	22343m	19.124	ng/ul	
54) Dibenzofuran	15.37	168	211680	20.737	ng/ul	95
55) 2,4-Dinitrotoluene	15.32	165	56082	21.353	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.59	232	54406	19.792	ng/ul#	98
57) Diethylphthalate	15.76	149	185589	20.179	ng/ul	98
59) Fluorene	16.02	166	180802	20.416	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	109005	20.606	ng/ul	96
61) 4-Nitroaniline	16.04	138	34683	19.980	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.09	198	41100	19.345	ng/ul#	90
65) N-Nitrosodiphenylamine	16.22	169	155210	19.746	ng/ul	96
66) 4-Bromophenyl-phenylether	16.90	248	79617	19.884	ng/ul	97
67) Hexachlorobenzene	17.03	284	90088	19.784	ng/ul	96
68) Atrazine	17.16	200	72382	19.301	ng/ul	96
69) Pentachlorophenol	17.37	266	39522	16.625	ng/ul	94
70) Phenanthrene	17.77	178	307686	19.874	ng/ul	98
72) Anthracene	17.86	178	323412	20.063	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	82864	19.079	ng/uL	93
74) Pentachlorobenzene	15.29	250	127073	19.688	ng/uL	96
75) Carbazole	18.13	167	259628	19.668	ng/ul	97
76) Di-n-butylphthalate	18.66	149	293109	19.998	ng/ul	99
77) Fluoranthene	19.76	202	404892	20.463	ng/ul#	94
80) Pyrene	20.12	202	426995	20.545	ng/ul#	93
81) Butylbenzylphthalate	20.99	149	121452	19.664	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.94	252	149695	20.434	ng/ul#	97
83) Benzo(a)anthracene	22.04	228	434302	20.419	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.90	149	177390	19.633	ng/ul#	94
85) Chrysene	22.11	228	391343	20.114	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	301647	19.105	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	443103	19.869	ng/ul#	98
89) Benzo(k)fluoranthene	24.53	252	444354	20.439	ng/ul#	96
91) Benzo(a)pyrene	25.41	252	434378	20.243	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.61	276	525233m	20.170	ng/ul	
93) Dibenzo(a,h)anthracene	29.67	278	453036	20.284	ng/ul#	95
94) Benzo(g,h,i)perylene	30.87	276	436618	20.225	ng/ul#	96

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

