

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
 Data File : BG018960.D
 Acq On : 29 Sep 2015 18:04
 Operator : UM/NP
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02017

Manual Integrations
 APPROVED

MMDadoda
 9/30/2015 3:49:22 PM

Quant Time: Sep 30 02:54:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 02:21:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	44322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	191707	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	134688	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	384453	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	461733	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	470154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	6981	7.57	ng/uL	0.00
5) Phenol-d5	7.15	99	74452	20.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	39592	18.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	57395	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	59990	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	30829	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	34352	23.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	67180	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	85209	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	221720	20.45	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	266729	20.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	45719	21.98	ng/ul	0.00
58) Fluorene-d10	15.60	176	201683	21.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	39995	21.98	ng/ul	0.00
71) Anthracene-d10	17.46	188	350522	20.71	ng/ul	0.00
79) Pyrene-d10	19.74	212	435277	20.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	477566	20.87	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	7352	7.37	ng/uL# 67
4) Benzaldehyde	7.12	77	45571	21.65	ng/ul 93
6) Phenol	7.18	94	74952	19.91	ng/ul# 87
8) Bis(2-Chloroethyl)ether	7.40	93	55028	19.57	ng/ul 97
10) 2-Chlorophenol	7.55	128	59584	20.88	ng/ul# 89
11) 2-Methylphenol	8.43	108	58210	20.11	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.51	45	60109	18.01	ng/ul# 94
14) Acetophenone	8.81	105	93009	20.68	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.78	70	43746	18.85	ng/ul# 85
16) 4-Methylphenol	8.75	108	65022	20.43	ng/ul 96
17) Hexachloroethane	9.07	117	21516	18.92	ng/ul# 71
20) Nitrobenzene	9.19	77	63358	18.81	ng/ul# 88
21) Isophorone	9.71	82	130143	18.96	ng/ul 97
23) 2-Nitrophenol	9.90	139	36702	22.30	ng/ul# 79
24) 2,4-Dimethylphenol	9.96	107	69060	20.24	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.19	93	79187	19.58	ng/ul 96
27) 2,4-Dichlorophenol	10.44	162	66409	21.58	ng/ul 91
28) Naphthalene	10.84	128	199766	20.48	ng/ul 97
30) 4-Chloroaniline	10.95	127	88255	23.85	ng/ul 98
31) Hexachlorobutadiene	11.12	225	39479	20.79	ng/ul 98
32) Caprolactam	11.70	113	27243	21.62	ng/ul# 81
33) 4-Chloro-3-methylphenol	12.07	107	70455	21.47	ng/ul 92
34) 2-Methylnaphthalene	12.44	142	146656	20.35	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	143959	20.84	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	85631	20.51	ng/ul	96
38) Hexachlorocyclopentadiene	12.79	237	26767	11.53	ng/ul	97
39) 2,4,6-Trichlorophenol	13.05	196	57652	21.26	ng/ul	97
40) 2,4,5-Trichlorophenol	13.13	196	63427	21.72	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	204405	20.05	ng/ul	98
42) 2-Chloronaphthalene	13.49	162	160217	20.62	ng/ul	97
43) 2-Nitroaniline	13.69	65	45020	19.55	ng/ul#	77
45) Dimethylphthalate	14.06	163	219220	20.86	ng/ul	98
46) 2,6-Dinitrotoluene	14.18	165	48994	23.18	ng/ul#	80
48) Acenaphthylene	14.34	152	281288	20.58	ng/ul	98
49) 3-Nitroaniline	14.52	138	55466	24.73	ng/ul#	76
50) Acenaphthene	14.68	153	186191	20.23	ng/ul	97
51) 2,4-Dinitrophenol	14.73	184	12183	12.82	ng/ul#	72
53) 4-Nitrophenol	14.84	109	27695	19.42	ng/ul	89
54) Dibenzofuran	15.01	168	267885	20.74	ng/ul	96
55) 2,4-Dinitrotoluene	14.98	165	73736	23.44	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.24	232	58198	20.64	ng/ul#	87
57) Diethylphthalate	15.42	149	225287	20.63	ng/ul	97
59) Fluorene	15.66	166	232678	21.33	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.65	204	111279	21.40	ng/ul	92
61) 4-Nitroaniline	15.68	138	64461	24.99	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.74	198	39562	21.18	ng/ul#	85
65) N-Nitrosodiphenylamine	15.86	169	202869	20.15	ng/ul	92
66) 4-Bromophenyl-phenylether	16.54	248	75909	20.15	ng/ul#	87
67) Hexachlorobenzene	16.66	284	90026	21.56	ng/ul	93
68) Atrazine	16.81	200	96384	21.73	ng/ul	98
69) Pentachlorophenol	17.02	266	29615m	12.16	ng/ul	
70) Phenanthrene	17.40	178	402900	20.61	ng/ul	98
72) Anthracene	17.49	178	409158	20.87	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	86008	18.80	ng/uL	95
74) Pentachlorobenzene	14.94	250	94447	21.14	ng/uL	98
75) Carbazole	17.76	167	404314	23.23	ng/ul	97
76) Di-n-butylphthalate	18.31	149	472344	21.48	ng/ul	98
77) Fluoranthene	19.41	202	538067	24.84	ng/ul	96
80) Pvrene	19.77	202	554706	20.43	ng/ul	97
81) Butylbenzylphthalate	20.65	149	217912	20.92	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.50	252	212630	25.97	ng/ul	97
83) Benzo(a)anthracene	21.59	228	526520	20.57	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	326116	21.12	ng/ul#	98
85) Chrysene	21.66	228	489602	20.73	ng/ul	99
87) Di-n-octyl phthalate	22.68	149	536595	21.57	ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	543584	20.45	ng/ul	99
89) Benzo(k)fluoranthene	23.85	252	510262	20.04	ng/ul	98
91) Benzo(a)pyrene	24.64	252	519570	20.56	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.40	276	611898	20.88	ng/ul	99
93) Dibenzo(a,h)anthracene	28.46	278	509859	21.68	ng/ul	96
94) Benzo(a,h,i)perylene	29.55	276	509541	20.83	ng/ul	99

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

