

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019257.D
 Acq On : 20 Oct 2015 2:06
 Operator : UM/NP
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:38 PM

Quant Time: Oct 20 08:25:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	88957	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	57147	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	130023	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	144020	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	135447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2580	6.96	ng/uL	0.00
5) Phenol-d5	7.19	99	33483	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	21299	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	26814	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	27826	18.24	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	13852	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	16094	22.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	30193	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	37657	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	90078	18.02	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	105634	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	16944	18.86	ng/ul	0.02
58) Fluorene-d10	15.63	176	79469	18.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	16851	21.01	ng/ul	0.00
71) Anthracene-d10	17.49	188	120873	19.68	ng/ul	0.00
79) Pyrene-d10	19.77	212	126509	19.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	141832	20.73	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.48	88	3157	7.23	ng/uL	98
4) Benzaldehyde	7.15	77	22036	21.06	ng/ul	94
6) Phenol	7.22	94	35036	18.69	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.43	93	24329	18.29	ng/ul	89
10) 2-Chlorophenol	7.58	128	26191	19.43	ng/ul	91
11) 2-Methylphenol	8.47	108	27174	18.46	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	44050	14.86	ng/ul#	95
14) Acetophenone	8.84	105	46889	18.21	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.82	70	24065	18.29	ng/ul	95
16) 4-Methylphenol	8.80	108	29661	17.96	ng/ul	98
17) Hexachloroethane	9.09	117	9784	16.87	ng/ul	94
20) Nitrobenzene	9.21	77	37570	20.00	ng/ul#	95
21) Isophorone	9.75	82	59888	16.36	ng/ul#	97
23) 2-Nitrophenol	9.93	139	16494	21.34	ng/ul#	83
24) 2,4-Dimethylphenol	9.99	107	38068	20.33	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.22	93	36294	19.19	ng/ul	99
27) 2,4-Dichlorophenol	10.47	162	29784	20.47	ng/ul	97
28) Naphthalene	10.86	128	92547	19.90	ng/ul	98
30) 4-Chloroaniline	10.98	127	38155	19.95	ng/ul	90
31) Hexachlorobutadiene	11.15	225	20358	19.16	ng/ul	96
32) Caprolactam	11.77	113	8929m	16.58	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	36804	20.08	ng/ul#	83
34) 2-Methylnaphthalene	12.47	142	69055	18.73	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	67833	18.79	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	40505	22.11	ng/ul	97
38) Hexachlorocyclopentadiene	12.81	237	8498	7.80	ng/ul	90
39) 2,4,6-Trichlorophenol	13.08	196	26377	23.16	ng/ul	94
40) 2,4,5-Trichlorophenol	13.16	196	29520	23.56	ng/ul	95
41) 1,1'-Biphenyl	13.47	154	90961	20.39	ng/ul	92
42) 2-Chloronaphthalene	13.52	162	72295	20.96	ng/ul	95
43) 2-Nitroaniline	13.73	65	27252	20.19	ng/ul	94
45) Dimethylphthalate	14.10	163	91093	18.09	ng/ul	99
46) 2,6-Dinitrotoluene	14.22	165	19891	20.72	ng/ul	88
48) Acenaphthylene	14.37	152	113097	18.98	ng/ul	98
49) 3-Nitroaniline	14.55	138	18201	19.78	ng/ul#	91
50) Acenaphthene	14.71	153	77800	19.50	ng/ul	96
51) 2,4-Dinitrophenol	14.76	184	11589	21.09	ng/ul#	77
53) 4-Nitrophenol	14.89	109	19600	19.95	ng/ul#	73
54) Dibenzofuran	15.04	168	110636	19.62	ng/ul	90
55) 2,4-Dinitrotoluene	15.01	165	29212	18.75	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.27	232	26648	22.12	ng/ul	92
57) Diethylphthalate	15.45	149	86998	16.65	ng/ul	99
59) Fluorene	15.69	166	90778	18.81	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.68	204	46614	18.73	ng/ul#	86
61) 4-Nitroaniline	15.71	138	19353	17.75	ng/ul#	69
64) 4,6-Dinitro-2-methylphenol	15.78	198	16725	20.64	ng/ul	93
65) N-Nitrosodiphenylamine	15.89	169	77656	21.73	ng/ul	98
66) 4-Bromophenyl-phenylether	16.57	248	31122	21.17	ng/ul#	89
67) Hexachlorobenzene	16.69	284	34573	20.30	ng/ul	99
68) Atrazine	16.85	200	26520	15.44	ng/ul	98
69) Pentachlorophenol	17.04	266	20169	23.04	ng/ul	97
70) Phenanthrene	17.43	178	141363	19.47	ng/ul	98
72) Anthracene	17.52	178	145545	19.73	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	40118	25.32	ng/uL	99
74) Pentachlorobenzene	14.96	250	39190	22.59	ng/uL	96
75) Carbazole	17.79	167	122843	19.32	ng/ul	99
76) Di-n-butylphthalate	18.34	149	138982	16.60	ng/ul#	97
77) Fluoranthene	19.44	202	160879	17.70	ng/ul#	92
80) Pvrene	19.80	202	162083	18.96	ng/ul#	89
81) Butylbenzylphthalate	20.68	149	61294	19.72	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	55741	21.19	ng/ul	99
83) Benzo(a)anthracene	21.63	228	160900	19.78	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	79599	18.53	ng/ul#	97
85) Chrysene	21.70	228	148730	19.33	ng/ul	100
87) Di-n-octyl phthalate	22.74	149	146225	20.29	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	152861	19.90	ng/ul#	95
89) Benzo(k)fluoranthene	23.91	252	152463	20.23	ng/ul#	96
91) Benzo(a)pyrene	24.71	252	148162	20.06	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.52	276	163070m	18.59	ng/ul	
93) Dibenzo(a,h)anthracene	28.58	278	141994	18.57	ng/ul#	95
94) Benzo(a,h,i)perylene	29.67	276	118262	16.40	ng/ul#	90

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

