

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090915\
 Data File : BG018584.D
 Acq On : 9 Sep 2015 11:40
 Operator : UM/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

MMDadoda
 9/10/2015 1:30:29 PM

Quant Time: Sep 10 01:01:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 09 05:20:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	67212	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	309992	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	203175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	524621	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	548457	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	575304	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	10323	6.79	ng/uL	0.00
5) Phenol-d5	7.17	99	122681	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	70918	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	97866	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	101749	19.85	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	49679	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	53757	21.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	112135	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	146954	24.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	345471	20.21	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	431700	20.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	70393	22.89	ng/ul	0.00
58) Fluorene-d10	15.63	176	310428	20.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	59943	23.23	ng/ul	0.00
71) Anthracene-d10	17.48	188	507455	20.22	ng/ul	0.00
79) Pyrene-d10	19.76	212	579874	20.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	619908	20.30	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	10816	6.64 ng/uL#	68
4) Benzaldehyde	7.15	77	78346	21.89 ng/ul	93
6) Phenol	7.20	94	125911	20.24 ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.43	93	96681	20.20 ng/ul	96
10) 2-Chlorophenol	7.57	128	96969	20.36 ng/ul	90
11) 2-Methylphenol	8.45	108	97486	20.20 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.54	45	111272	14.48 ng/ul#	88
14) Acetophenone	8.83	105	156964	21.20 ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.81	70	77920	18.34 ng/ul	88
16) 4-Methylphenol	8.78	108	107724	20.46 ng/ul	99
17) Hexachloroethane	9.10	117	37788	18.41 ng/ul#	86
20) Nitrobenzene	9.21	77	111673	18.31 ng/ul	92
21) Isophorone	9.74	82	220139	18.77 ng/ul	96
23) 2-Nitrophenol	9.92	139	59672	21.84 ng/ul#	85
24) 2,4-Dimethylphenol	9.98	107	116498	19.02 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	139330	19.06 ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	102848	21.02 ng/ul	96
28) Naphthalene	10.86	128	328465	20.04 ng/ul	99
30) 4-Chloroaniline	10.97	127	142414	23.72 ng/ul	100
31) Hexachlorobutadiene	11.15	225	65237	21.11 ng/ul	94
32) Caprolactam	11.73	113	44260m	22.45 ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	112986	19.93 ng/ul	97
34) 2-Methylnaphthalene	12.47	142	240593	20.28 ng/ul	92

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35) 1-Methylnaphthalene	12.69	142	233289	20.14	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	133739	20.53	ng/ul#	95
38) Hexachlorocyclopentadiene	12.82	237	71144	18.34	ng/ul	93
39) 2,4,6-Trichlorophenol	13.07	196	92449	20.83	ng/ul	98
40) 2,4,5-Trichlorophenol	13.14	196	99814	20.92	ng/ul	98
41) 1,1'-Biphenyl	13.47	154	321498	18.96	ng/ul	97
42) 2-Chloronaphthalene	13.51	162	259983	19.74	ng/ul	97
43) 2-Nitroaniline	13.71	65	73779	17.35	ng/ul#	72
45) Dimethylphthalate	14.09	163	341072	20.23	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	74305	22.13	ng/ul	89
48) Acenaphthylene	14.36	152	428020	19.83	ng/ul	99
49) 3-Nitroaniline	14.54	138	83840	24.48	ng/ul#	84
50) Acenaphthene	14.70	153	294256	19.43	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	37331	22.79	ng/ul#	81
53) 4-Nitrophenol	14.85	109	48553	18.16	ng/ul	93
54) Dibenzofuran	15.04	168	403895	20.41	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	107819	22.50	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.26	232	91233	21.95	ng/ul#	94
57) Diethylphthalate	15.45	149	359354	20.06	ng/ul	99
59) Fluorene	15.68	166	338214	19.87	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	166779	20.70	ng/ul	93
61) 4-Nitroaniline	15.71	138	89722	23.71	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.76	198	62212	22.60	ng/ul#	89
65) N-Nitrosodiphenylamine	15.89	169	296440	18.78	ng/ul	95
66) 4-Bromophenyl-phenylether	16.57	248	111798	19.71	ng/ul	92
67) Hexachlorobenzene	16.69	284	125052	20.84	ng/ul	95
68) Atrazine	16.84	200	129399	21.90	ng/ul	97
69) Pentachlorophenol	17.03	266	79930	19.89	ng/ul	94
70) Phenanthrene	17.42	178	559813	19.67	ng/ul	98
72) Anthracene	17.52	178	570308	19.66	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	139372	19.20	ng/uL	97
74) Pentachlorobenzene	14.95	250	130967	18.90	ng/uL	97
75) Carbazole	17.78	167	551626	21.69	ng/ul	99
76) Di-n-butylphthalate	18.34	149	697801	21.01	ng/ul	98
77) Fluoranthene	19.43	202	713585	23.47	ng/ul	97
80) Pyrene	19.80	202	718627	19.38	ng/ul	98
81) Butylbenzylphthalate	20.68	149	308688	19.68	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.54	252	259012	22.74	ng/ul#	98
83) Benzo(a)anthracene	21.62	228	699239	20.56	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	452615	20.42	ng/ul	99
85) Chrysene	21.69	228	638062	20.07	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	772229	20.80	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	723981	20.03	ng/ul	100
89) Benzo(k)fluoranthene	23.90	252	703843	20.22	ng/ul	98
91) Benzo(a)pyrene	24.70	252	685910	19.96	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.50	276	811188	20.40	ng/ul	98
93) Dibenzo(a,h)anthracene	28.56	278	671333	20.32	ng/ul	95
94) Benzo(g,h,i)perylene	29.65	276	675506	20.23	ng/ul	99

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

