

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
 Data File : BG019608.D
 Acq On : 15 Nov 2015 10:45
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02018

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:28:16 PM

Quant Time: Nov 16 02:25:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 14 00:34:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	150771	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	117859	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	324731	20.00	ng/ul	0.00
78) Chrysene-d12	21.81	240	405350	20.00	ng/ul	0.00
86) Perylene-d12	25.14	264	388792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	5863	7.75	ng/uL	0.00
5) Phenol-d5	7.30	99	64785	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	43297	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	39743	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	51696	19.51	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	22222	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	23522	17.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	50313	17.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	61424	21.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	181456	18.67	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	197858	18.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	28412	18.41	ng/ul	0.00
58) Fluorene-d10	15.78	176	162447	18.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	35742	17.01	ng/ul	0.00
71) Anthracene-d10	17.63	188	278214	18.79	ng/ul	0.00
79) Pyrene-d10	19.91	212	325797	18.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.90	264	352675	18.08	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.50	88	6572	7.63 ng/uL#	92
4) Benzaldehyde	7.29	77	49118	22.70 ng/ul	100
6) Phenol	7.33	94	69880	19.72 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.56	93	48759	20.03 ng/ul	92
10) 2-Chlorophenol	7.72	128	39433	18.45 ng/ul	97
11) 2-Methylphenol	8.60	108	49673	18.95 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.69	45	44229	22.67 ng/ul#	91
14) Acetophenone	8.98	105	85050	19.12 ng/ul	90
15) N-Nitroso-di-n-propylamine	8.97	70	55828	19.15 ng/ul#	87
16) 4-Methylphenol	8.93	108	56830	19.86 ng/ul	94
17) Hexachloroethane	9.25	117	20289	18.17 ng/ul	93
20) Nitrobenzene	9.37	77	78082	18.02 ng/ul	96
21) Isophorone	9.90	82	146092	18.61 ng/ul	97
23) 2-Nitrophenol	10.09	139	26040	17.43 ng/ul#	83
24) 2,4-Dimethylphenol	10.14	107	70320	18.02 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.38	93	74078	19.94 ng/ul	97
27) 2,4-Dichlorophenol	10.63	162	49196	18.04 ng/ul#	93
28) Naphthalene	11.04	128	139599	18.51 ng/ul	98
30) 4-Chloroaniline	11.14	127	61163	20.21 ng/ul	96
31) Hexachlorobutadiene	11.32	225	46392	16.65 ng/ul	90
32) Caprolactam	11.89	113	19062m	19.50 ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	67399	18.41 ng/ul#	93
34) 2-Methylnaphthalene	12.63	142	108849	17.96 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	105131	18.33	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	85900	17.68	ng/ul	98
38) Hexachlorocyclopentadiene	12.97	237	50662	14.05	ng/ul	95
39) 2,4,6-Trichlorophenol	13.23	196	50386	17.55	ng/ul	92
40) 2,4,5-Trichlorophenol	13.30	196	55278	17.54	ng/ul	96
41) 1,1'-Biphenyl	13.63	154	155259	18.64	ng/ul#	96
42) 2-Chloronaphthalene	13.67	162	119015	18.31	ng/ul	97
43) 2-Nitroaniline	13.87	65	52719	18.97	ng/ul	98
45) Dimethylphthalate	14.24	163	179741	18.09	ng/ul#	97
46) 2,6-Dinitrotoluene	14.36	165	37316	18.55	ng/ul	90
48) Acenaphthylene	14.52	152	202085	18.33	ng/ul	98
49) 3-Nitroaniline	14.69	138	33935	19.60	ng/ul	91
50) Acenaphthene	14.85	153	135940	18.26	ng/ul	100
51) 2,4-Dinitrophenol	14.90	184	21274	14.07	ng/ul	96
53) 4-Nitrophenol	15.00	109	37433	15.55	ng/ul#	64
54) Dibenzofuran	15.19	168	198001	18.06	ng/ul	94
55) 2,4-Dinitrotoluene	15.15	165	57391	18.07	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	15.41	232	56393	17.12	ng/ul#	95
57) Diethylphthalate	15.59	149	175010	17.84	ng/ul	97
59) Fluorene	15.84	166	171562	17.94	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.82	204	97699	17.19	ng/ul	98
61) 4-Nitroaniline	15.85	138	37550	18.87	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.91	198	37530	16.51	ng/ul#	94
65) N-Nitrosodiphenylamine	16.04	169	153152	18.23	ng/ul	95
66) 4-Bromophenyl-phenylether	16.72	248	67420	17.47	ng/ul	98
67) Hexachlorobenzene	16.83	284	71335	17.42	ng/ul#	87
68) Atrazine	16.97	200	75586	18.16	ng/ul	95
69) Pentachlorophenol	17.17	266	40222	16.64	ng/ul	97
70) Phenanthrene	17.57	178	300945	18.36	ng/ul	97
72) Anthracene	17.67	178	305512	18.29	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.60	216	82104	17.45	ng/uL	97
74) Pentachlorobenzene	15.11	250	83690	17.64	ng/uL	98
75) Carbazole	17.93	167	259955	19.50	ng/ul	97
76) Di-n-butylphthalate	18.47	149	310471	18.79	ng/ul	97
77) Fluoranthene	19.57	202	400800	18.89	ng/ul#	94
80) Pyrene	19.94	202	416144	18.29	ng/ul#	91
81) Butylbenzylphthalate	20.80	149	139225	18.83	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.69	252	148570	18.71	ng/ul#	99
83) Benzo(a)anthracene	21.79	228	427270	18.10	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	204735	19.49	ng/ul	99
85) Chrysene	21.86	228	397809	17.96	ng/ul	98
87) Di-n-octyl phthalate	22.92	149	358097	20.34	ng/ul	100
88) Benzo(b)fluoranthene	24.07	252	403236	17.59	ng/ul#	97
89) Benzo(k)fluoranthene	24.14	252	401839	18.21	ng/ul#	99
91) Benzo(a)pyrene	24.98	252	398627	18.09	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.96	276	442626	17.84	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.02	278	368118	17.77	ng/ul#	95
94) Benzo(g,h,i)perylene	30.14	276	365471	19.40	ng/ul#	91

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

