

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
 Data File : BG018514.D
 Acq On : 28 Aug 2015 14:35
 Operator : UM/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:47:25 PM

Quant Time: Aug 31 01:52:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:23:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	95668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	430859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	274240	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	683402	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	694289	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	701171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	14975	6.92	ng/uL	0.00
5) Phenol-d5	7.17	99	179065	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	108330	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	127685	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	147524	20.22	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	69613	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	70501	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	150184	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	200571	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	461230	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	587574	20.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	90307	21.76	ng/ul	0.00
58) Fluorene-d10	15.63	176	414589	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	61129	18.19	ng/ul	0.00
71) Anthracene-d10	17.48	188	670344	20.51	ng/ul	0.00
79) Pyrene-d10	19.76	212	727043	20.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	756658	20.33	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	17219	7.43 ng/uL#	77
4) Benzaldehyde	7.15	77	117132	23.00 ng/ul	97
6) Phenol	7.19	94	181362	20.48 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.43	93	138729	20.36 ng/ul	98
10) 2-Chlorophenol	7.58	128	132276	19.52 ng/ul	93
11) 2-Methylphenol	8.45	108	138160	20.12 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.54	45	179031	16.37 ng/ul#	98
14) Acetophenone	8.83	105	223812	21.24 ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.82	70	119230	19.72 ng/ul	91
16) 4-Methylphenol	8.78	108	155846	20.80 ng/ul	91
17) Hexachloroethane	9.10	117	52962	18.13 ng/ul	89
20) Nitrobenzene	9.21	77	167233	19.73 ng/ul	95
21) Isophorone	9.73	82	326189	20.01 ng/ul	99
23) 2-Nitrophenol	9.93	139	77413	20.38 ng/ul	89
24) 2,4-Dimethylphenol	9.98	107	163608	19.22 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	201429	19.82 ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	140079	20.60 ng/ul	97
28) Naphthalene	10.87	128	464003	20.37 ng/ul	97
30) 4-Chloroaniline	10.97	127	195559	23.43 ng/ul	98
31) Hexachlorobutadiene	11.15	225	81462	18.97 ng/ul	96
32) Caprolactam	11.72	113	60010m	21.90 ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	157846	20.03 ng/ul	97
34) 2-Methylnaphthalene	12.47	142	338400	20.52 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	340227	21.13	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	176282	20.05	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	80872	15.45	ng/ul	96
39) 2,4,6-Trichlorophenol	13.07	196	120154	20.06	ng/ul	94
40) 2,4,5-Trichlorophenol	13.15	196	128428	19.94	ng/ul	96
41) 1,1'-Biphenyl	13.47	154	458894	20.05	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	348883	19.62	ng/ul	97
43) 2-Nitroaniline	13.72	65	108050	18.82	ng/ul#	75
45) Dimethylphthalate	14.09	163	447853	19.68	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	95375	21.04	ng/ul	97
48) Acenaphthylene	14.36	152	605787	20.79	ng/ul	99
49) 3-Nitroaniline	14.53	138	109368	23.65	ng/ul#	94
50) Acenaphthene	14.70	153	413551	20.23	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	39555	17.89	ng/ul	89
53) 4-Nitrophenol	14.84	109	66617	18.46	ng/ul	86
54) Dibenzofuran	15.04	168	554179	20.75	ng/ul	98
55) 2,4-Dinitrotoluene	15.00	165	137308	21.22	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.26	232	114781	20.46	ng/ul#	92
57) Diethylphthalate	15.45	149	471116	19.48	ng/ul	98
59) Fluorene	15.68	166	476038	20.72	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.67	204	221781	20.39	ng/ul	97
61) 4-Nitroaniline	15.70	138	118921	23.29	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.75	198	65580	18.29	ng/ul#	98
65) N-Nitrosodiphenylamine	15.89	169	405613	19.73	ng/ul	95
66) 4-Bromophenyl-phenylether	16.57	248	143172	19.37	ng/ul	96
67) Hexachlorobenzene	16.69	284	159078	20.35	ng/ul	93
68) Atrazine	16.84	200	164799	21.41	ng/ul	99
69) Pentachlorophenol	17.03	266	94373	18.03	ng/ul	94
70) Phenanthrene	17.42	178	763578	20.59	ng/ul	98
72) Anthracene	17.52	178	787809	20.85	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	184451	19.51	ng/uL	98
74) Pentachlorobenzene	14.95	250	170807	18.92	ng/uL	94
75) Carbazole	17.78	167	760497	22.95	ng/ul	99
76) Di-n-butylphthalate	18.34	149	888922	20.54	ng/ul	99
77) Fluoranthene	19.43	202	933582	23.57	ng/ul	98
80) Pyrene	19.79	202	939161	20.01	ng/ul	99
81) Butylbenzylphthalate	20.68	149	389307	19.60	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.54	252	304601	21.13	ng/ul	98
83) Benzo(a)anthracene	21.62	228	868751	20.18	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	556514	19.84	ng/ul	98
85) Chrysene	21.69	228	790437	19.64	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	953096	21.07	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	868803	19.72	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	858451	20.24	ng/ul	100
91) Benzo(a)pyrene	24.69	252	835207	19.94	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	965764	19.93	ng/ul	99
93) Dibenzo(a,h)anthracene	28.54	278	786948	19.55	ng/ul	100
94) Benzo(g,h,i)perylene	29.62	276	801793	19.70	ng/ul	97

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

