

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100815\
 Data File : BG019074.D
 Acq On : 8 Oct 2015 20:06
 Operator : UM/NP
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02041

Manual Integrations
 APPROVED

MMdadoda
 10/9/2015 1:49:47 PM

Quant Time: Oct 09 02:33:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 09 02:23:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	121393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	82236	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	205849	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	232258	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	221173	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3322	5.98	ng/uL	0.00
5) Phenol-d5	7.20	99	44680	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	29051	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	34701	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	37850	22.24	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	18087	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	20660	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	39252	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	54108	23.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	135882	20.96	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	158640	19.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	26066	19.90	ng/ul	0.00
58) Fluorene-d10	15.66	176	118772	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	24975	22.37	ng/ul	0.00
71) Anthracene-d10	17.51	188	190938	19.70	ng/ul	0.00
79) Pyrene-d10	19.79	212	226900	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	222973	19.70	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.51	88	4211	6.88	ng/uL	90
4) Benzaldehyde	7.17	77	29008	22.62	ng/ul	95
6) Phenol	7.23	94	45538	20.62	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.45	93	34470	20.71	ng/ul	98
10) 2-Chlorophenol	7.60	128	34710	20.56	ng/ul	95
11) 2-Methylphenol	8.48	108	36813	21.63	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	75663	23.17	ng/ul	97
14) Acetophenone	8.85	105	61871	23.47	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	33679	23.76	ng/ul	95
16) 4-Methylphenol	8.80	108	42275	22.53	ng/ul	99
17) Hexachloroethane	9.12	117	14541	21.65	ng/ul	95
20) Nitrobenzene	9.24	77	47375	20.74	ng/ul	98
21) Isophorone	9.76	82	96238	21.59	ng/ul#	96
23) 2-Nitrophenol	9.95	139	21543	21.25	ng/ul#	84
24) 2,4-Dimethylphenol	10.01	107	48944	21.28	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.24	93	50959	19.34	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	39496	20.44	ng/ul	97
28) Naphthalene	10.89	128	121930	19.40	ng/ul	98
30) 4-Chloroaniline	11.00	127	55581	23.33	ng/ul	95
31) Hexachlorobutadiene	11.18	225	26836	21.79	ng/ul	99
32) Caprolactam	11.76	113	14845m	22.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	48359	22.82	ng/ul	92
34) 2-Methylnaphthalene	12.50	142	97434	20.70	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	96245	20.84	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	53054	19.87	ng/ul	98
38) Hexachlorocyclopentadiene	12.84	237	30309	17.66	ng/ul	94
39) 2,4,6-Trichlorophenol	13.10	196	34647	19.96	ng/ul	96
40) 2,4,5-Trichlorophenol	13.17	196	36272	19.46	ng/ul	97
41) 1,1'-Biphenyl	13.50	154	128471	19.17	ng/ul	94
42) 2-Chloronaphthalene	13.54	162	101761	19.55	ng/ul	97
43) 2-Nitroaniline	13.74	65	37868	22.40	ng/ul	92
45) Dimethylphthalate	14.12	163	136503	20.62	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	28650	22.50	ng/ul	92
48) Acenaphthylene	14.39	152	168979	19.68	ng/ul	100
49) 3-Nitroaniline	14.56	138	27437	21.81	ng/ul	91
50) Acenaphthene	14.73	153	114881	19.72	ng/ul	100
51) 2,4-Dinitrophenol	14.76	184	15083	20.46	ng/ul#	89
53) 4-Nitrophenol	14.88	109	24405	24.36	ng/ul	90
54) Dibenzofuran	15.06	168	156465	19.74	ng/ul	93
55) 2,4-Dinitrotoluene	15.02	165	42616	22.89	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.29	232	34970	20.34	ng/ul#	94
57) Diethylphthalate	15.48	149	142370	21.43	ng/ul	98
59) Fluorene	15.71	166	135812	20.33	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.70	204	67569	20.47	ng/ul	95
61) 4-Nitroaniline	15.73	138	29661	20.87	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.78	198	25494	21.62	ng/ul#	92
65) N-Nitrosodiphenylamine	15.92	169	117651	19.65	ng/ul	94
66) 4-Bromophenyl-phenylether	16.60	248	45828	20.40	ng/ul	95
67) Hexachlorobenzene	16.72	284	51542	20.17	ng/ul	94
68) Atrazine	16.86	200	53843	21.67	ng/ul	97
69) Pentachlorophenol	17.06	266	28867	18.00	ng/ul	94
70) Phenanthrene	17.46	178	226561	19.53	ng/ul	99
72) Anthracene	17.54	178	228017	19.50	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	52226	18.81	ng/uL	97
74) Pentachlorobenzene	14.98	250	54889	20.29	ng/uL	96
75) Carbazole	17.81	167	209000	20.72	ng/ul	99
76) Di-n-butylphthalate	18.37	149	263792	20.46	ng/ul	98
77) Fluoranthene	19.47	202	285356	21.13	ng/ul	97
80) Pvrene	19.82	202	296143	21.19	ng/ul#	95
81) Butylbenzylphthalate	20.71	149	116819	22.04	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.58	252	92414	21.50	ng/ul	100
83) Benzo(a)anthracene	21.67	228	268972	20.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	159277	20.70	ng/ul	98
85) Chrysene	21.73	228	248984	19.68	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	272127	21.68	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	255437m	19.60	ng/ul	
89) Benzo(k)fluoranthene	23.96	252	244561	19.27	ng/ul	97
91) Benzo(a)pyrene	24.76	252	245737	19.47	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.60	276	288406	19.94	ng/ul	95
93) Dibenzo(a,h)anthracene	28.67	278	250925	20.07	ng/ul	97
94) Benzo(a,h,i)perylene	29.75	276	235386	19.55	ng/ul	96

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

