

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024242.D
 Acq On : 10 Oct 2016 17:14
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02012

Manual Integrations
 APPROVED

sohil
 10/11/2016 7:04:58 PM

Quant Time: Oct 10 17:55:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 10 13:36:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	145779	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	626266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	526954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1165487	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1301360	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1312157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	28109	9.16	ng/uL	0.00
5) Phenol-d5	7.42	99	271562	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	187313	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	186910	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	225446	20.50	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	92477m	20.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.20	143	111370	22.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	225426	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	270160	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	762688	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	874151	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	140633	21.56	ng/ul	0.00
57) Fluorene-d10	15.90	176	732016	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	143444	20.48	ng/ul	0.00
70) Anthracene-d10	17.75	188	1088944	20.68	ng/ul	0.00
76) Pyrene-d10	20.02	212	1273527	20.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1214386	20.57	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.69	88	29598	8.90	ng/uL# 49
4) Benzaldehyde	7.43	77	206426	21.57	ng/ul# 77
6) Phenol	7.46	94	279022	20.21	ng/ul# 62
8) Bis(2-Chloroethyl)ether	7.70	93	210032	20.67	ng/ul# 75
10) 2-Chlorophenol	7.85	128	191902	20.22	ng/ul# 79
11) 2-Methylphenol	8.72	108	207694m	20.31	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.82	45	400262	19.72	ng/ul# 88
14) Acetophenone	9.12	105	336350	20.60	ng/ul# 61
15) N-Nitroso-di-n-propylamine	9.09	70	201521	20.47	ng/ul# 67
16) 4-Methylphenol	9.05	108	216954	20.01	ng/ul 82
17) Hexachloroethane	9.39	117	88063	20.06	ng/ul# 79
20) Nitrobenzene	9.51	77	291585	20.73	ng/ul# 80
21) Isophorone	10.03	82	555521	21.73	ng/ul# 91
23) 2-Nitrophenol	10.23	139	111300	20.54	ng/ul# 44
24) 2,4-Dimethylphenol	10.26	107	279118	20.90	ng/ul# 87
25) Bis(2-Chloroethoxy)methane	10.51	93	286660	20.46	ng/ul# 97
27) 2,4-Dichlorophenol	10.76	162	217049	20.91	ng/ul 98
28) Naphthalene	11.17	128	617497	20.48	ng/ul 97
30) 4-Chloroaniline	11.27	127	258225	22.36	ng/ul 96
31) Hexachlorobutadiene	11.44	225	172849	20.79	ng/ul 90
32) Caprolactam	12.04	113	89319m	22.63	ng/ul
33) 4-Chloro-3-methylphenol	12.36	107	270161	21.26	ng/ul# 79
34) 2-Methylnaphthalene	12.76	142	492436	20.54	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	318692	20.51	ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	226209	19.85	ng/ul	92
38) 2,4,6-Trichlorophenol	13.35	196	202918m	20.14	ng/ul	
39) 2,4,5-Trichlorophenol	13.41	196	235679	21.29	ng/ul	98
40) 1,1'-Biphenyl	13.75	154	695949	20.39	ng/ul	94
41) 2-Chloronaphthalene	13.80	162	544690	20.36	ng/ul	96
42) 2-Nitroaniline	13.99	65	224645	22.06	ng/ul#	53
44) Dimethylphthalate	14.35	163	759460	21.05	ng/ul	98
45) 2,6-Dinitrotoluene	14.48	165	154522	22.08	ng/ul#	80
47) Acenaphthylene	14.64	152	848583	20.92	ng/ul	99
48) 3-Nitroaniline	14.81	138	144184	21.80	ng/ul#	55
49) Acenaphthene	14.98	153	585714	20.20	ng/ul	94
50) 2,4-Dinitrophenol	15.01	184	104080	22.17	ng/ul#	71
52) 4-Nitrophenol	15.09	109	172201	21.78	ng/ul#	66
53) Dibenzofuran	15.31	168	895911	21.00	ng/ul#	85
54) 2,4-Dinitrotoluene	15.26	165	233529	22.51	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.52	232	228511	21.02	ng/ul#	93
56) Diethylphthalate	15.70	149	795907	20.93	ng/ul	96
58) Fluorene	15.95	166	727153	20.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.94	204	403684	20.62	ng/ul	98
60) 4-Nitroaniline	15.96	138	163180	21.43	ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	16.02	198	158015	21.52	ng/ul	96
64) N-Nitrosodiphenylamine	16.15	169	650166	19.72	ng/ul	93
65) 4-Bromophenyl-phenylether	16.83	248	273916	20.29	ng/ul	97
66) Hexachlorobenzene	16.94	284	312050	20.72	ng/ul	97
67) Atrazine	17.09	200	278824	20.68	ng/ul#	94
68) Pentachlorophenol	17.29	266	195641	21.37	ng/ul	91
69) Phenanthrene	17.69	178	1237503	21.03	ng/ul	99
71) Anthracene	17.78	178	1246708	20.81	ng/ul	99
72) Carbazole	18.05	167	1072115	22.81	ng/ul	97
73) Di-n-butylphthalate	18.58	149	1258230	21.89	ng/ul#	95
74) Fluoranthene	19.69	202	1442752	24.27	ng/ul#	88
77) Pyrene	20.05	202	1455080	20.93	ng/ul#	88
78) Butylbenzylphthalate	20.92	149	582074	20.84	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.84	252	539815	22.27	ng/ul#	98
80) Benzo(a)anthracene	21.93	228	1517324	21.01	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.80	149	823934	20.86	ng/ul#	99
82) Chrysene	22.00	228	1412664	20.55	ng/ul	95
84) Di-n-octyl phthalate	23.10	149	1399279	22.73	ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1478257	20.29	ng/ul#	93
86) Benzo(k)fluoranthene	24.37	252	1440120	20.52	ng/ul#	86
88) Benzo(a)pyrene	25.25	252	1438178	20.73	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.36	276	1733247	21.09	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.45	278	1478143	21.27	ng/ul#	88
91) Benzo(g,h,i)perylene	30.63	276	1430560m	20.70	ng/ul	

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

