

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025239.D
 Acq On : 16 Dec 2016 9:02
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02011

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:30 PM

Quant Time: Dec 16 13:20:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	140999	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	621523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	477371	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	936413	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1097521	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1046492	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	17043	6.24	ng/uL	0.00
5) Phenol-d5	7.39	99	247854	20.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	150363	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	175522	20.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	210113	20.67	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	91711	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	111300	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	213556	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	240179	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	612471	18.65	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	739345	20.56	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	100849	17.87	ng/ul	0.02
57) Fluorene-d10	15.85	176	577098	18.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	121958	21.06	ng/ul	0.00
70) Anthracene-d10	17.71	188	807966	20.44	ng/ul	0.00
76) Pyrene-d10	19.98	212	905391	20.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	897470	21.17	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.62	88	20365	5.73	ng/uL# 63
4) Benzaldehyde	7.37	77	188737	20.61	ng/ul 93
6) Phenol	7.42	94	256161	20.52	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.65	93	177635	19.44	ng/ul 97
10) 2-Chlorophenol	7.80	128	172342	20.15	ng/ul 97
11) 2-Methylphenol	8.68	108	185010	20.13	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.76	45	326688	21.03	ng/ul 96
14) Acetophenone	9.07	105	302941	19.58	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.04	70	173814	19.45	ng/ul# 98
16) 4-Methylphenol	9.02	108	210448	20.58	ng/ul 96
17) Hexachloroethane	9.32	117	76867	20.29	ng/ul# 82
20) Nitrobenzene	9.46	77	274820	20.32	ng/ul 98
21) Isophorone	9.98	82	470447	18.38	ng/ul 98
23) 2-Nitrophenol	10.18	139	112638	20.24	ng/ul# 85
24) 2,4-Dimethylphenol	10.22	107	259369	20.38	ng/ul 91
25) Bis(2-Chloroethoxy)methane	10.45	93	253832	19.46	ng/ul 94
27) 2,4-Dichlorophenol	10.71	162	214895	20.97	ng/ul 96
28) Naphthalene	11.11	128	572753	19.82	ng/ul 97
30) 4-Chloroaniline	11.23	127	239031	22.55	ng/ul 97
31) Hexachlorobutadiene	11.38	225	171911	19.52	ng/ul 89
32) Caprolactam	12.01	113	65380m	15.37	ng/ul
33) 4-Chloro-3-methylphenol	12.34	107	240539	19.05	ng/ul 98
34) 2-Methylnaphthalene	12.71	142	443530	19.45	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	308566	21.45	ng/ul	97
37) Hexachlorocyclopentadiene	13.03	237	109028	12.91	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	190679	21.10	ng/ul	84
39) 2,4,5-Trichlorophenol	13.39	196	207462	20.94	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	605234	20.91	ng/ul	97
41) 2-Chloronaphthalene	13.75	162	486777	21.13	ng/ul	98
42) 2-Nitroaniline	13.96	65	194938	21.62	ng/ul	94
44) Dimethylphthalate	14.30	163	600136	18.60	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	135503	19.54	ng/ul#	93
47) Acenaphthylene	14.59	152	703628	20.12	ng/ul	98
48) 3-Nitroaniline	14.78	138	126393	21.05	ng/ul#	96
49) Acenaphthene	14.93	153	503353	21.01	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	81142	18.01	ng/ul#	84
52) 4-Nitrophenol	15.09	109	129446	19.07	ng/ul	98
53) Dibenzofuran	15.26	168	732475	19.33	ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	189932	18.17	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.48	232	202271	19.32	ng/ul#	96
56) Diethylphthalate	15.65	149	621291	18.18	ng/ul	97
58) Fluorene	15.90	166	592396	19.21	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.88	204	336077	19.35	ng/ul	90
60) 4-Nitroaniline	15.94	138	127624	17.62	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.00	198	124011	20.68	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	538695	22.36	ng/ul	96
65) 4-Bromophenyl-phenylether	16.78	248	240204	22.71	ng/ul	92
66) Hexachlorobenzene	16.91	284	264924	22.25	ng/ul	96
67) Atrazine	17.04	200	225233	19.67	ng/ul	97
68) Pentachlorophenol	17.26	266	147320	20.60	ng/ul	93
69) Phenanthrene	17.65	178	924028	20.67	ng/ul	97
71) Anthracene	17.74	178	936868	20.39	ng/ul	99
72) Carbazole	18.01	167	797148	20.79	ng/ul	97
73) Di-n-butylphthalate	18.52	149	950292	19.63	ng/ul	98
74) Fluoranthene	19.64	202	1045411	19.68	ng/ul	97
77) Pyrene	20.01	202	1063664	20.16	ng/ul	98
78) Butylbenzylphthalate	20.85	149	423045	20.48	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.78	252	417823	21.84	ng/ul	99
80) Benzo(a)anthracene	21.88	228	1167831	20.48	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	601568	21.16	ng/ul#	98
82) Chrysene	21.95	228	1077471	20.20	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	1031441	24.28	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1121140	21.61	ng/ul	95
86) Benzo(k)fluoranthene	24.30	252	1067785	21.65	ng/ul	99
88) Benzo(a)pyrene	25.17	252	1065486	21.35	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.27	276	1019741m	16.45	ng/ul	
90) Dibenzo(a,h)anthracene	29.33	278	895003m	17.13	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	759812m	14.68	ng/ul	

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

