

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121415\
 Data File : BG020144.D
 Acq On : 14 Dec 2015 1:21
 Operator : UM/SJ
 Sample : SSTD01027
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01027

Quant Time: Dec 14 07:13:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 14 07:08:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	89013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	66293	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	170066	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	184930	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	171556	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1339	2.92	ng/uL	0.00
5) Phenol-d5	7.25	99	16358	8.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	9799	7.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	12384	9.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	14104	8.47	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	6524	8.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	7308	8.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	15222	8.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	17660	10.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	52975	8.91	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	61897	9.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	8275	8.59	ng/ul	0.00
58) Fluorene-d10	15.72	176	48822	9.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	7707	7.15	ng/ul	0.00
71) Anthracene-d10	17.57	188	78274	9.49	ng/ul	0.00
79) Pyrene-d10	19.85	212	85575	9.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	83213	9.28	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.51	88	2275	4.09	ng/uL	97
4) Benzaldehyde	7.23	77	11886	8.54	ng/ul	96
6) Phenol	7.27	94	18433	8.56	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	12588	8.47	ng/ul	90
10) 2-Chlorophenol	7.66	128	13136	10.03	ng/ul#	95
11) 2-Methylphenol	8.53	108	14098	8.87	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.63	45	18409	12.75	ng/ul	97
14) Acetophenone	8.92	105	23564	8.67	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.90	70	12722	7.12	ng/ul	99
16) 4-Methylphenol	8.86	108	15442	8.58	ng/ul	95
17) Hexachloroethane	9.19	117	5452	9.01	ng/ul	92
20) Nitrobenzene	9.31	77	18140	7.25	ng/ul	93
21) Isophorone	9.83	82	34723	7.16	ng/ul	97
23) 2-Nitrophenol	10.02	139	7804	8.72	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	18700	8.09	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.31	93	18636	7.67	ng/ul	99
27) 2,4-Dichlorophenol	10.55	162	16282	9.54	ng/ul	98
28) Naphthalene	10.97	128	45586	9.39	ng/ul	97
30) 4-Chloroaniline	11.07	127	18307	10.38	ng/ul	99
31) Hexachlorobutadiene	11.25	225	12063	8.18	ng/ul	94
32) Caprolactam	11.82	113	5439	8.08	ng/ul	98
33) 4-Chloro-3-methylphenol	12.18	107	19223	8.31	ng/ul#	91
34) 2-Methylnaphthalene	12.56	142	35850	9.39	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.78	142	34493	9.08	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	24012	9.05	ng/ul#	96
38) Hexachlorocyclopentadiene	12.91	237	13142	8.51	ng/ul	90
39) 2,4,6-Trichlorophenol	13.16	196	15560	9.53	ng/ul	91
40) 2,4,5-Trichlorophenol	13.23	196	17250	9.90	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	50415	10.08	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	40405	10.36	ng/ul	97
43) 2-Nitroaniline	13.81	65	13268	8.39	ng/ul	95
45) Dimethylphthalate	14.17	163	54431	9.22	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	10960	9.13	ng/ul	95
48) Acenaphthylene	14.45	152	66043	10.05	ng/ul	99
49) 3-Nitroaniline	14.62	138	10779	10.65	ng/ul	91
50) Acenaphthene	14.79	153	44372	9.87	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	3668	4.85	ng/ul	91
53) 4-Nitrophenol	14.92	109	8238	7.39	ng/ul	98
54) Dibenzofuran	15.12	168	66035	9.96	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	15929	8.65	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.35	232	16063	8.92	ng/ul#	95
57) Diethylphthalate	15.53	149	55940	9.37	ng/ul	99
59) Fluorene	15.77	166	53694	9.42	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	29857	9.06	ng/ul	99
61) 4-Nitroaniline	15.78	138	11267	9.45	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.84	198	8284	7.24	ng/ul#	97
65) N-Nitrosodiphenylamine	15.98	169	47726	10.26	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	20004	9.77	ng/ul	90
67) Hexachlorobenzene	16.77	284	21003	9.69	ng/ul	95
68) Atrazine	16.92	200	19399	9.11	ng/ul	97
69) Pentachlorophenol	17.12	266	10049	8.14	ng/ul	91
70) Phenanthrene	17.51	178	93790	10.16	ng/ul	99
72) Anthracene	17.60	178	95488	10.24	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	26571	10.95	ng/uL	97
74) Pentachlorobenzene	15.04	250	25021	10.12	ng/uL	93
75) Carbazole	17.87	167	78157	10.38	ng/ul	99
76) Di-n-butylphthalate	18.42	149	89808	9.35	ng/ul	98
77) Fluoranthene	19.51	202	108507	9.45	ng/ul	99
80) Pvrene	19.88	202	112770	10.21	ng/ul	99
81) Butylbenzylphthalate	20.75	149	37494	10.29	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.63	252	34038	10.18	ng/ul	92
83) Benzo(a)anthracene	21.72	228	106599	9.49	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	54719	10.29	ng/ul	97
85) Chrysene	21.79	228	101831	9.60	ng/ul	98
87) Di-n-octyl phthalate	22.84	149	92692	10.81	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	100078	9.41	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	100240	9.80	ng/ul	98
91) Benzo(a)pyrene	24.85	252	96868	9.47	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.73	276	112147	9.69	ng/ul	98
93) Dibenzo(a,h)anthracene	28.79	278	93353	9.84	ng/ul	99
94) Benzo(a,h,i)perylene	29.89	276	93323	9.79	ng/ul	96

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

