

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052915\
 Data File : BG017356.D
 Acq On : 29 May 2015 12:55
 Operator : TP/IZ
 Sample : SSTD01002
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01002

Quant Time: May 29 14:38:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 14:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	21918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	99549	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	66267	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	151549	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	168389	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	164139	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1926	3.70	ng/uL	0.00
5) Phenol-d5	6.85	99	17687	9.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	10681	9.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	14909	9.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	14274	9.30	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	7298	9.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	9450	11.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	15150	10.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	21016	11.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	45235	10.17	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	58592	9.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	6866	6.71	ng/ul	0.00
57) Fluorene-d10	15.30	176	44499	10.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	8182	9.25	ng/ul	0.00
70) Anthracene-d10	17.15	188	69265	9.96	ng/ul	0.00
76) Pyrene-d10	19.45	212	78110	10.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	68755	9.57	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	2598	4.01	ng/uL#	1
4) Benzaldehyde	6.79	77	12144	12.01	ng/ul	85
6) Phenol	6.88	94	17153	8.08	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.08	93	14116	8.62	ng/ul	92
10) 2-Chlorophenol	7.22	128	14143	8.87	ng/ul#	91
11) 2-Methylphenol	8.11	108	14352	8.97	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.18	45	23731	11.78	ng/ul#	93
14) Acetophenone	8.46	105	24601	10.51	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	13980	10.66	ng/ul#	94
16) 4-Methylphenol	8.45	108	15728	9.01	ng/ul	86
17) Hexachloroethane	8.72	117	6564	10.14	ng/ul	96
20) Nitrobenzene	8.85	77	20221	10.91	ng/ul	97
21) Isophorone	9.37	82	36760	10.11	ng/ul	98
23) 2-Nitrophenol	9.56	139	8277	9.16	ng/ul#	87
24) 2,4-Dimethylphenol	9.63	107	19122	10.50	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	19324	8.87	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	14784	10.00	ng/ul	86
28) Naphthalene	10.48	128	48124	9.03	ng/ul	98
30) 4-Chloroaniline	10.61	127	20289	10.42	ng/ul	97
31) Hexachlorobutadiene	10.77	225	9797	11.59	ng/ul#	80
32) Caprolactam	11.36	113	6154	8.75	ng/ul	86
33) 4-Chloro-3-methylphenol	11.77	107	17253	10.48	ng/ul#	95
34) 2-Methylnaphthalene	12.11	142	35554	9.28	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	18627	10.29	ng/ul#	84
37) Hexachlorocyclopentadiene	12.46	237	5289	5.48	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.74	196	11797	10.25	ng/ul	89
39) 2,4,5-Trichlorophenol	12.82	196	13025	10.48	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	46964	9.07	ng/ul#	94
41) 2-Chloronaphthalene	13.18	162	37978	9.55	ng/ul	98
42) 2-Nitroaniline	13.39	65	13649	11.79	ng/ul	96
44) Dimethylphthalate	13.77	163	52138	10.48	ng/ul#	96
45) 2,6-Dinitrotoluene	13.89	165	10924	10.46	ng/ul#	92
47) Acenaphthylene	14.02	152	64038	9.52	ng/ul	98
48) 3-Nitroaniline	14.22	138	11792	10.23	ng/ul	98
49) Acenaphthene	14.37	153	41026	9.12	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	3086	5.96	ng/ul	92
52) 4-Nitrophenol	14.57	109	8468	12.90	ng/ul	90
53) Dibenzofuran	14.70	168	58466	9.57	ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	16581	11.03	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.94	232	11443	10.53	ng/ul	90
56) Diethylphthalate	15.14	149	54599	10.58	ng/ul	97
58) Fluorene	15.36	166	50257	9.47	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.36	204	26702	10.69	ng/ul	93
60) 4-Nitroaniline	15.39	138	12179	8.85	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.44	198	8463	8.59	ng/ul	98
64) N-Nitrosodiphenylamine	15.57	169	43738	9.25	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	17316	10.80	ng/ul	98
66) Hexachlorobenzene	16.36	284	16894	9.52	ng/ul	98
67) Atrazine	16.52	200	18688	11.14	ng/ul	97
68) Pentachlorophenol	16.71	266	5510	5.71	ng/ul#	90
69) Phenanthrene	17.09	178	79231	9.36	ng/ul	99
71) Anthracene	17.19	178	80568	9.35	ng/ul	98
72) Carbazole	17.47	167	74106	9.69	ng/ul	98
73) Di-n-butylphthalate	18.03	149	102243	10.48	ng/ul	98
74) Fluoranthene	19.12	202	99195	11.15	ng/ul	98
77) Pyrene	19.48	202	102392	9.84	ng/ul	97
78) Butylbenzylphthalate	20.39	149	46820	10.76	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	34034	11.40	ng/ul	95
80) Benzo(a)anthracene	21.23	228	98148	10.20	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	64169	10.78	ng/ul	94
82) Chrysene	21.28	228	90573	9.94	ng/ul	96
84) Di-n-octyl phthalate	22.04	149	106742	11.11	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	90988	9.58	ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	88810	9.55	ng/ul	98
88) Benzo(a)pyrene	23.39	252	87862	9.43	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.76	276	98373	9.14	ng/ul	97
90) Dibenzo(a,h)anthracene	25.78	278	82339	9.12	ng/ul	97
91) Benzo(g,h,i)perylene	26.45	276	82600	9.13	ng/ul	96

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

