

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019376.D
 Acq On : 28 Oct 2015 11:14
 Operator : UM/NP
 Sample : SSTD00510
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00510

Quant Time: Oct 28 14:45:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 28 14:34:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	22786	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	93042	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	76075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	220661	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	288411	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	268017	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1190	2.90	ng/uL	0.00
5) Phenol-d5	7.35	99	10159	5.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	6858	5.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	6554	5.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	8108	5.19	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	3700	5.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	4085	5.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	8640	4.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	8473	4.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	32522	5.16	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	35304	5.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	4861	4.74	ng/ul	0.00
58) Fluorene-d10	15.81	176	31644	5.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	6689	4.60	ng/ul	0.00
71) Anthracene-d10	17.67	188	53987	5.34	ng/ul	0.00
79) Pyrene-d10	19.94	212	65736	5.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.00	264	69870	5.11	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	1201	2.61	ng/ul	88
4) Benzaldehyde	7.33	77	10443	8.39	ng/ul	95
6) Phenol	7.38	94	11164	5.30	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	8610	6.01	ng/ul	97
10) 2-Chlorophenol	7.76	128	7038	5.35	ng/ul	94
11) 2-Methylphenol	8.65	108	8372	5.13	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.73	45	6337	6.01	ng/ul	93
14) Acetophenone	9.03	105	14846	5.65	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.00	70	10325	6.40	ng/ul#	83
16) 4-Methylphenol	8.97	108	9424	5.45	ng/ul	90
17) Hexachloroethane	9.30	117	3763	5.58	ng/ul	90
20) Nitrobenzene	9.41	77	13520	5.37	ng/ul#	87
21) Isophorone	9.94	82	25735	5.86	ng/ul#	97
23) 2-Nitrophenol	10.13	139	5023	5.59	ng/ul#	73
24) 2,4-Dimethylphenol	10.19	107	12655	5.56	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.41	93	11551	5.44	ng/ul#	88
27) 2,4-Dichlorophenol	10.67	162	8517	4.96	ng/ul#	91
28) Naphthalene	11.08	128	23950	5.17	ng/ul#	95
30) 4-Chloroaniline	11.19	127	9393	5.17	ng/ul	93
31) Hexachlorobutadiene	11.36	225	9493	5.34	ng/ul#	79
32) Caprolactam	11.93	113	2728	4.97	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.29	107	11928	5.40	ng/ul#	88
34) 2-Methylnaphthalene	12.68	142	19400	5.03	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	18160	5.06	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	16095	5.18	ng/ul	93
38) Hexachlorocyclopentadiene	13.02	237	10996	4.43	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.27	196	9283	4.92	ng/ul#	94
40) 2,4,5-Trichlorophenol	13.34	196	11029	5.22	ng/ul	88
41) 1,1'-Biphenyl	13.67	154	27354	4.98	ng/ul#	96
42) 2-Chloronaphthalene	13.72	162	21913	5.08	ng/ul	96
43) 2-Nitroaniline	13.91	65	8669	5.08	ng/ul	96
45) Dimethylphthalate	14.27	163	34763	5.52	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	6574	4.97	ng/ul	94
48) Acenaphthylene	14.56	152	36370	5.14	ng/ul	98
49) 3-Nitroaniline	14.72	138	5702	5.17	ng/ul	88
50) Acenaphthene	14.90	153	25938	5.48	ng/ul	93
51) 2,4-Dinitrophenol	14.93	184	4093	3.88	ng/ul#	77
53) 4-Nitrophenol	15.02	109	7423	4.39	ng/ul#	83
54) Dibenzofuran	15.23	168	36997	5.15	ng/ul	98
55) 2,4-Dinitrotoluene	15.18	165	11172	5.74	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.44	232	10573	4.48	ng/ul#	88
57) Diethylphthalate	15.63	149	33851	5.39	ng/ul	92
59) Fluorene	15.87	166	32466	5.21	ng/ul#	96
60) 4-Chlorophenyl-phenylether	15.86	204	18921	4.94	ng/ul	97
61) 4-Nitroaniline	15.88	138	7051	5.42	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.94	198	7463	4.90	ng/ul#	76
65) N-Nitrosodiphenylamine	16.07	169	28948	5.15	ng/ul#	94
66) 4-Bromophenyl-phenylether	16.76	248	13237	4.84	ng/ul	95
67) Hexachlorobenzene	16.88	284	14434	5.08	ng/ul	95
68) Atrazine	17.01	200	15207	5.31	ng/ul#	94
69) Pentachlorophenol	17.22	266	6546	3.24	ng/ul#	86
70) Phenanthrene	17.61	178	59785	5.36	ng/ul	96
72) Anthracene	17.71	178	60993	5.41	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	15647	5.12	ng/uL	94
74) Pentachlorobenzene	15.14	250	16125	5.13	ng/uL	91
75) Carbazole	17.97	167	49910	5.44	ng/ul	97
76) Di-n-butylphthalate	18.52	149	61494	5.69	ng/ul	98
77) Fluoranthene	19.61	202	82596	5.52	ng/ul	98
80) Pyrene	19.97	202	85287	5.28	ng/ul#	96
81) Butylbenzylphthalate	20.84	149	27192	5.48	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.74	252	29954	5.24	ng/ul#	92
83) Benzo(a)anthracene	21.84	228	88680	5.30	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.73	149	38755	5.65	ng/ul	97
85) Chrysene	21.91	228	83541	5.43	ng/ul	95
87) Di-n-octyl phthalate	22.99	149	64983	5.75	ng/ul	100
88) Benzo(b)fluoranthene	24.15	252	83463	5.09	ng/ul#	96
89) Benzo(k)fluoranthene	24.15	252	83463	5.33	ng/ul	96
91) Benzo(a)pyrene	25.07	252	80896	5.33	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.09	276	78042	4.55	ng/ul	96
93) Dibenzo(a,h)anthracene	29.16	278	37676	2.65	ng/ul#	98
94) Benzo(g,h,i)perylene	30.31	276	45596	3.22	ng/ul	95

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

