

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
 Data File : BG016198.D
 Acq On : 31 Mar 2015 13:07
 Operator : TP/IZ
 Sample : SSTD01039
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01039

Quant Time: Apr 01 01:53:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 01:44:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	73312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	323958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	195450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	403711	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	442780	20.00	ng/ul	0.00
83) Perylene-d12	23.58	264	406317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	6488	3.66	ng/uL	0.00
5) Phenol-d5	6.93	99	65767	10.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	38525	10.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	50790	9.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	50607	10.07	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	26469	10.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	29595	11.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	47844	10.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	69572	11.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	129998	10.19	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	183677	10.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	30880	9.97	ng/ul	0.00
57) Fluorene-d10	15.39	176	127316	10.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	24620	10.55	ng/ul	0.00
70) Anthracene-d10	17.23	188	184820	10.03	ng/ul	0.00
76) Pyrene-d10	19.52	212	197346	9.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	178347	10.02	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	8103	3.74	ng/uL	97
4) Benzaldehyde	6.91	77	41383	10.72	ng/ul	95
6) Phenol	6.96	94	70623	9.72	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.19	93	55047	9.65	ng/ul	99
10) 2-Chlorophenol	7.33	128	54269	9.96	ng/ul	98
11) 2-Methylphenol	8.21	108	53539	10.12	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	80675	12.01	ng/ul	99
14) Acetophenone	8.58	105	78361	9.99	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.57	70	47246	10.88	ng/ul	98
16) 4-Methylphenol	8.53	108	57935	9.86	ng/ul	99
17) Hexachloroethane	8.84	117	21717	10.15	ng/ul	96
20) Nitrobenzene	8.96	77	64524	10.85	ng/ul	99
21) Isophorone	9.48	82	125632	10.76	ng/ul	98
23) 2-Nitrophenol	9.67	139	31370	10.61	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	59944	10.39	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	71269	9.97	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	47547	10.04	ng/ul	97
28) Naphthalene	10.60	128	175000	10.05	ng/ul	98
30) 4-Chloroaniline	10.71	127	71538	11.06	ng/ul	97
31) Hexachlorobutadiene	10.89	225	26199	10.13	ng/ul	93
32) Caprolactam	11.46	113	23575	10.57	ng/ul	93
33) 4-Chloro-3-methylphenol	11.83	107	55197	10.62	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	124284	10.07	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	51161	9.81	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	28204	9.69	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.83	196	34971	10.45	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	38978	10.78	ng/ul	99
40) 1,1'-Biphenyl	13.22	154	155303	10.12	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	116007	10.01	ng/ul	99
42) 2-Nitroaniline	13.47	65	39418	11.53	ng/ul	94
44) Dimethylphthalate	13.85	163	147374	10.25	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	32502	10.63	ng/ul	98
47) Acenaphthylene	14.11	152	204453	10.32	ng/ul	98
48) 3-Nitroaniline	14.30	138	37029	10.55	ng/ul	93
49) Acenaphthene	14.46	153	136170	10.21	ng/ul	97
50) 2,4-Dinitrophenol	14.51	184	15385	9.92	ng/ul	95
52) 4-Nitrophenol	14.61	109	21483	12.09	ng/ul	96
53) Dibenzofuran	14.79	168	179249	10.07	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	47497	10.84	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	33257	10.54	ng/ul#	98
56) Diethylphthalate	15.22	149	150935	10.23	ng/ul	98
58) Fluorene	15.44	166	155515	9.98	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	68835	9.82	ng/ul	99
60) 4-Nitroaniline	15.46	138	40151	9.72	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	27664	10.63	ng/ul#	98
64) N-Nitrosodiphenylamine	15.65	169	131146	10.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	42087	10.01	ng/ul	99
66) Hexachlorobenzene	16.44	284	47565	10.01	ng/ul	95
67) Atrazine	16.60	200	45161	10.17	ng/ul	99
68) Pentachlorophenol	16.79	266	27048	10.00	ng/ul	96
69) Phenanthrene	17.18	178	231068	10.08	ng/ul	98
71) Anthracene	17.27	178	237556	10.22	ng/ul	98
72) Carbazole	17.54	167	228496	10.21	ng/ul	98
73) Di-n-butylphthalate	18.10	149	279185	10.71	ng/ul	98
74) Fluoranthene	19.19	202	261021	10.16	ng/ul	100
77) Pyrene	19.55	202	277745	10.25	ng/ul	99
78) Butylbenzylphthalate	20.45	149	126384	10.93	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.23	252	82233	11.01	ng/ul	99
80) Benzo(a)anthracene	21.29	228	260865	10.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	167249	10.72	ng/ul	99
82) Chrysene	21.34	228	240971	10.15	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	279486	11.33	ng/ul	100
85) Benzo(b)fluoranthene	22.90	252	248008	10.65	ng/ul	99
86) Benzo(k)fluoranthene	22.94	252	231619	10.09	ng/ul	97
88) Benzo(a)pyrene	23.48	252	230516	10.00	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	262379	9.78	ng/ul	97
90) Dibenzo(a,h)anthracene	25.93	278	219397	9.79	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	214940	9.58	ng/ul	98

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

