

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024436.D
 Acq On : 19 Oct 2016 10:26
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02004

Quant Time: Oct 19 17:27:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 10:58:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	132374	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	600496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	487889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	983951	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1104383	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1157548	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	18115	6.50	ng/uL	0.00
5) Phenol-d5	7.41	99	259883	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	158690	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	186114	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	217063	21.74	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	92405	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	107322	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	226690	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	253009	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	715636	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	845620	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	119040	19.71	ng/ul	0.00
57) Fluorene-d10	15.89	176	669337	20.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	131848	22.30	ng/ul	0.00
70) Anthracene-d10	17.74	188	967541	21.77	ng/ul	0.00
76) Pyrene-d10	20.01	212	1088440	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1089565	20.92	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.68	88	24275	8.04	ng/uL	91
4) Benzaldehyde	7.41	77	197010	22.67	ng/ul	97
6) Phenol	7.44	94	264234	21.08	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.69	93	184558	20.00	ng/ul	94
10) 2-Chlorophenol	7.84	128	178183	20.67	ng/ul	86
11) 2-Methylphenol	8.71	108	201098	21.66	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.81	45	350317	19.01	ng/ul	99
14) Acetophenone	9.11	105	316928	21.38	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.08	70	186062	20.81	ng/ul#	85
16) 4-Methylphenol	9.04	108	223635	22.71	ng/ul	97
17) Hexachloroethane	9.38	117	79705	19.99	ng/ul	92
20) Nitrobenzene	9.50	77	292154	21.66	ng/ul	98
21) Isophorone	10.02	82	527656	21.53	ng/ul	99
23) 2-Nitrophenol	10.22	139	114629	22.06	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	272968	21.32	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.49	93	284674	21.19	ng/ul	97
27) 2,4-Dichlorophenol	10.75	162	219020	22.00	ng/ul	95
28) Naphthalene	11.16	128	608774	21.05	ng/ul	98
30) 4-Chloroaniline	11.26	127	249377	22.52	ng/ul	93
31) Hexachlorobutadiene	11.43	225	176517	22.14	ng/ul	96
32) Caprolactam	12.02	113	77443	20.46	ng/ul	96
33) 4-Chloro-3-methylphenol	12.35	107	266460	21.87	ng/ul	96
34) 2-Methylnaphthalene	12.74	142	491703	21.39	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	13.10	216	333499	23.18	ng/ul#	91
37) Hexachlorocyclopentadiene	13.07	237	208623	19.77	ng/ul	98
38) 2,4,6-Trichlorophenol	13.33	196	211645	22.69	ng/ul	88
39) 2,4,5-Trichlorophenol	13.40	196	226497	22.09	ng/ul	95
40) 1,1'-Biphenyl	13.74	154	687545	21.76	ng/ul	98
41) 2-Chloronaphthalene	13.78	162	541772	21.87	ng/ul	97
42) 2-Nitroaniline	13.98	65	208564	22.12	ng/ul	95
44) Dimethylphthalate	14.34	163	696408	20.85	ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	148593	22.93	ng/ul#	88
47) Acenaphthylene	14.62	152	817379	21.77	ng/ul	98
48) 3-Nitroaniline	14.79	138	136697	22.33	ng/ul#	86
49) Acenaphthene	14.96	153	561449	20.92	ng/ul	100
50) 2,4-Dinitrophenol	14.99	184	82914	19.07	ng/ul	95
52) 4-Nitrophenol	15.08	109	150618	20.58	ng/ul	95
53) Dibenzofuran	15.29	168	845566	21.40	ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	215531	22.44	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.51	232	225693	22.43	ng/ul	96
56) Diethylphthalate	15.69	149	705333	20.03	ng/ul	97
58) Fluorene	15.94	166	689180	21.10	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.92	204	377705	20.84	ng/ul	90
60) 4-Nitroaniline	15.96	138	145347	20.61	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.00	198	137991	22.26	ng/ul#	91
64) N-Nitrosodiphenylamine	16.13	169	607815	21.84	ng/ul	96
65) 4-Bromophenyl-phenylether	16.82	248	268264	23.54	ng/ul	95
66) Hexachlorobenzene	16.93	284	303750	23.89	ng/ul	96
67) Atrazine	17.07	200	256039	22.49	ng/ul	94
68) Pentachlorophenol	17.27	266	173037	22.39	ng/ul	92
69) Phenanthrene	17.68	178	1087673	21.89	ng/ul	97
71) Anthracene	17.77	178	1119287	22.13	ng/ul	99
72) Carbazole	18.04	167	916393	23.09	ng/ul	98
73) Di-n-butylphthalate	18.57	149	1095566	22.57	ng/ul	100
74) Fluoranthene	19.67	202	1246593	24.84	ng/ul	99
77) Pyrene	20.03	202	1249210	21.18	ng/ul	99
78) Butylbenzylphthalate	20.90	149	491033	20.72	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.82	252	469189	22.81	ng/ul	97
80) Benzo(a)anthracene	21.92	228	1318256	21.51	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.78	149	696752	20.78	ng/ul	97
82) Chrysene	21.99	228	1249260	21.41	ng/ul	96
84) Di-n-octyl phthalate	23.06	149	1175223	21.64	ng/ul	100
85) Benzo(b)fluoranthene	24.27	252	1363122	21.21	ng/ul	98
86) Benzo(k)fluoranthene	24.34	252	1242319	20.07	ng/ul	99
88) Benzo(a)pyrene	25.21	252	1265305	20.67	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.32	276	1557041	21.48	ng/ul	100
90) Dibenzo(a,h)anthracene	29.39	278	1308118	21.34	ng/ul	96
91) Benzo(g,h,i)perylene	30.57	276	1306975	21.44	ng/ul	95

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

