

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121916\
 Data File : BG025314.D
 Acq On : 19 Dec 2016 11:16
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02021

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:29:41 PM

Quant Time: Dec 20 01:29:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	105580	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	428633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	343282	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.60	188	767136	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	975478	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	979285	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	14473	7.08	ng/uL	0.00
5) Phenol-d5	7.39	99	187948	20.63	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.54	67	116987	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	134892	21.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.94	113	152880	20.08	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	62941	20.74	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.14	143	84035	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	159904	21.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.20	131	182059	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	485350	20.55	ng/ul	-0.01
46) Acenaphthylene-d8	14.55	160	557065	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	72793	17.94	ng/ul	-0.01
57) Fluorene-d10	15.84	176	458113	20.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	79483	16.76	ng/ul	0.00
70) Anthracene-d10	17.70	188	694687	21.45	ng/ul	0.00
76) Pyrene-d10	19.97	212	850805	21.18	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.07	264	874286	22.03	ng/ul	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	17102	6.42	ng/uL#	74
4) Benzaldehyde	7.37	77	147345	21.49	ng/ul	93
6) Phenol	7.42	94	197343	21.11	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.64	93	133195	19.47	ng/ul	94
10) 2-Chlorophenol	7.79	128	129854	20.28	ng/ul	96
11) 2-Methylphenol	8.67	108	137359	19.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.75	45	240207	20.65	ng/ul	99
14) Acetophenone	9.06	105	225263	19.45	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.03	70	129612	19.37	ng/ul#	91
16) 4-Methylphenol	9.01	108	147401	19.25	ng/ul	98
17) Hexachloroethane	9.31	117	60020	21.16	ng/ul	96
20) Nitrobenzene	9.45	77	207128	22.21	ng/ul	96
21) Isophorone	9.97	82	344877	19.54	ng/ul	97
23) 2-Nitrophenol	10.16	139	82266	21.43	ng/ul	89
24) 2,4-Dimethylphenol	10.21	107	189404	21.58	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.44	93	181594	20.19	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	155307	21.98	ng/ul	96
28) Naphthalene	11.11	128	419904	21.07	ng/ul	97
30) 4-Chloroaniline	11.22	127	174810	23.91	ng/ul#	88
31) Hexachlorobutadiene	11.36	225	128481	21.15	ng/ul	89
32) Caprolactam	11.99	113	53716m	18.31	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	181010	20.78	ng/ul	98
34) 2-Methylnaphthalene	12.69	142	333438	21.21	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	13.06	216	227802	22.02	ng/ul#	97
37) Hexachlorocyclopentadiene	13.01	237	71314	11.74	ng/ul	94
38) 2,4,6-Trichlorophenol	13.30	196	146344	22.52	ng/ul#	85
39) 2,4,5-Trichlorophenol	13.38	196	154609	21.70	ng/ul	97
40) 1,1'-Biphenyl	13.68	154	454892	21.86	ng/ul	97
41) 2-Chloronaphthalene	13.74	162	359814	21.72	ng/ul	95
42) 2-Nitroaniline	13.95	65	151842	23.41	ng/ul	92
44) Dimethylphthalate	14.30	163	473334	20.40	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	107573	21.57	ng/ul#	92
47) Acenaphthylene	14.58	152	538490	21.42	ng/ul	99
48) 3-Nitroaniline	14.77	138	99787	23.11	ng/ul#	82
49) Acenaphthene	14.92	153	373286	21.67	ng/ul	99
50) 2,4-Dinitrophenol	15.00	184	21039	6.49	ng/ul#	87
52) 4-Nitrophenol	15.09	109	100869	20.67	ng/ul	98
53) Dibenzofuran	15.25	168	586041	21.51	ng/ul	100
54) 2,4-Dinitrotoluene	15.22	165	151671	20.18	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.48	232	161081	21.40	ng/ul	96
56) Diethylphthalate	15.64	149	480293	19.55	ng/ul	94
58) Fluorene	15.89	166	468187	21.11	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.88	204	259289	20.76	ng/ul	92
60) 4-Nitroaniline	15.93	138	107456	20.63	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.99	198	80399	16.36	ng/ul#	97
64) N-Nitrosodiphenylamine	16.09	169	428168	21.69	ng/ul	96
65) 4-Bromophenyl-phenylether	16.77	248	191093	22.05	ng/ul	89
66) Hexachlorobenzene	16.90	284	214578	21.99	ng/ul	94
67) Atrazine	17.03	200	192698	20.54	ng/ul	92
68) Pentachlorophenol	17.25	266	99009	16.90	ng/ul	95
69) Phenanthrene	17.64	178	786780	21.49	ng/ul	99
71) Anthracene	17.73	178	806544	21.43	ng/ul	99
72) Carbazole	18.00	167	696594	22.18	ng/ul	98
73) Di-n-butylphthalate	18.51	149	814851	20.55	ng/ul	99
74) Fluoranthene	19.64	202	986471	22.67	ng/ul	98
77) Pyrene	19.99	202	985080	21.01	ng/ul#	97
78) Butylbenzylphthalate	20.85	149	397435	21.65	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.77	252	410220	24.12	ng/ul	98
80) Benzo(a)anthracene	21.87	228	1090264	21.51	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.71	149	546906	21.64	ng/ul#	99
82) Chrysene	21.94	228	1017602	21.47	ng/ul	98
84) Di-n-octyl phthalate	22.97	149	929631	23.38	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1035102	21.32	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	1062286m	23.01	ng/ul	
88) Benzo(a)pyrene	25.15	252	1007832	21.59	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.25	276	1095952m	18.89	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	938329m	19.19	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	868506m	17.93	ng/ul	

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

