

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022833.D
 Acq On : 3 Jul 2016 17:52
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Manual Integrations

umangi
 7/5/2016 7:55:17 PM

Quant Time: Jul 04 04:16:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 03:30:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	108109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	460594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	352893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	960643m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1078078m	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1100143	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	19229	9.94	ng/uL	0.00
5) Phenol-d5	7.30	99	215661	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	127064	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	141547	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	161690	18.30	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	71568	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	86658	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177441	19.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	184485	23.52	ng/ul	-0.01
43) Dimethylphthalate-d6	14.19	166	593630	20.71	ng/ul	-0.01
46) Acenaphthylene-d8	14.49	160	680001	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	105194	23.37	ng/ul	0.00
57) Fluorene-d10	15.79	176	571386	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	122927m	19.90	ng/ul	-0.01
70) Anthracene-d10	17.65	188	908105	20.34	ng/ul	0.00
76) Pyrene-d10	19.93	212	1084271	21.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1059329	20.27	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	22575	9.96 ng/uL#	68
4) Benzaldehyde	7.29	77	156499	21.65 ng/ul#	81
6) Phenol	7.33	94	218914m	18.79 ng/ul	
8) Bis(2-Chloroethyl)ether	7.57	93	160822	20.19 ng/ul	94
10) 2-Chlorophenol	7.71	128	146765	19.00 ng/ul#	83
11) 2-Methylphenol	8.60	108	166993	19.09 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.68	45	178775	19.96 ng/ul#	94
14) Acetophenone	8.98	105	271901	19.06 ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.95	70	156293	18.23 ng/ul#	84
16) 4-Methylphenol	8.92	108	182751	18.78 ng/ul	84
17) Hexachloroethane	9.25	117	69384	21.09 ng/ul#	70
20) Nitrobenzene	9.37	77	228581	20.24 ng/ul#	83
21) Isophorone	9.89	82	408253	20.26 ng/ul#	89
23) 2-Nitrophenol	10.09	139	90758	19.30 ng/ul#	41
24) 2,4-Dimethylphenol	10.13	107	228238	20.28 ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.37	93	235299	19.79 ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	172670	18.54 ng/ul	94
28) Naphthalene	11.03	128	479637	20.36 ng/ul	99
30) 4-Chloroaniline	11.14	127	185728	23.18 ng/ul	96
31) Hexachlorobutadiene	11.31	225	150062	20.92 ng/ul	93
32) Caprolactam	11.89	113	68997m	22.21 ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	227397m	19.31 ng/ul	
34) 2-Methylnaphthalene	12.63	142	383205	19.67 ng/ul	91

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Instrument :
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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	269510	20.43	ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	148770	18.68	ng/ul	96
38) 2,4,6-Trichlorophenol	13.23	196	177431	19.50	ng/ul	91
39) 2,4,5-Trichlorophenol	13.31	196	196954	20.57	ng/ul	94
40) 1,1'-Biphenyl	13.63	154	531163	19.79	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	441592	20.32	ng/ul	96
42) 2-Nitroaniline	13.88	65	181279	21.57	ng/ul#	58
44) Dimethylphthalate	14.24	163	582497	19.90	ng/ul	98
45) 2,6-Dinitrotoluene	14.37	165	132988	20.98	ng/ul#	84
47) Acenaphthylene	14.52	152	687956	20.80	ng/ul	98
48) 3-Nitroaniline	14.69	138	116222	23.47	ng/ul#	56
49) Acenaphthene	14.86	153	457007	20.33	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	66402	18.85	ng/ul#	80
52) 4-Nitrophenol	15.01	109	122855m	21.46	ng/ul	
53) Dibenzofuran	15.19	168	742652	21.39	ng/ul#	86
54) 2,4-Dinitrotoluene	15.15	165	205982	22.48	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.42	232	212478	21.80	ng/ul#	94
56) Diethylphthalate	15.60	149	631090	21.22	ng/ul	96
58) Fluorene	15.85	166	592245	21.23	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	339067	20.29	ng/ul	97
60) 4-Nitroaniline	15.86	138	133447	22.43	ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.92	198	127126m	19.41	ng/ul	
64) N-Nitrosodiphenylamine	16.05	169	562968	19.90	ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	249354	19.41	ng/ul	97
66) Hexachlorobenzene	16.85	284	269154	19.78	ng/ul	95
67) Atrazine	16.99	200	248646	21.08	ng/ul	93
68) Pentachlorophenol	17.20	266	149310	19.09	ng/ul	98
69) Phenanthrene	17.59	178	1021795m	20.79	ng/ul	
71) Anthracene	17.68	178	1051088	20.82	ng/ul	98
72) Carbazole	17.95	167	868220	23.24	ng/ul	98
73) Di-n-butylphthalate	18.50	149	1046170	21.81	ng/ul#	94
74) Fluoranthene	19.60	202	1249840	24.42	ng/ul#	87
77) Pyrene	19.96	202	1293871	21.44	ng/ul#	86
78) Butylbenzylphthalate	20.83	149	510183m	21.80	ng/ul	
79) 3,3'-Dichlorobenzidine	21.74	252	480388m	23.53	ng/ul	
80) Benzo(a)anthracene	21.83	228	1342870m	21.24	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	677945m	22.45	ng/ul	
82) Chrysene	21.90	228	1206785	20.97	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	1147553	23.67	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1395926m	20.30	ng/ul	
86) Benzo(k)fluoranthene	24.21	252	1311793m	20.31	ng/ul	
88) Benzo(a)pyrene	25.06	252	1332628m	20.40	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.08	276	1418985	20.55	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.14	278	1167963	20.46	ng/ul#	87
91) Benzo(g,h,i)perylene	30.28	276	1186897	21.92	ng/ul#	79

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

