Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\SOM01.2\
Data File : BG016059.D
Acq On : 17 Mar 2015 14:24
Operator : TP/IZ
Sample : SSTD00521
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00521

Quant Time: Mar 21 00:37:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 00:15:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	60015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	264047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	159129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	356501	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	413626	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	386870	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3293	2.23	ng/uL	0.00
5) Phenol-d5	6.96	99	25222	4.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	15689	4.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	20122	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	18852	4.22	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	10495	4.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	8648	3.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	17431	4.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	21428	4.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	54906	5.19	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	76279	5.26	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.42	176	56099	5.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.27	188	86299	5.29	ng/ul	0.00
76) Pyrene-d10	19.56	212	94890	5.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	84249	4.94	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	4346	2.57	ng/uL	93
4) Benzaldehyde	6.95	77	16382	7.35	ng/ul	94
6) Phenol	6.99	94	28645	4.65	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	23711	4.96	ng/ul	98
10) 2-Chlorophenol	7.36	128	21924	4.92	ng/ul	97
11) 2-Methylphenol	8.23	108	20252	4.50	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	26611	4.18	ng/ul	99
14) Acetophenone	8.61	105	32349	4.86	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.60	70	16897	4.32	ng/ul	98
16) 4-Methylphenol	8.56	108	23090	4.60	ng/ul	94
17) Hexachloroethane	8.87	117	8970	5.17	ng/ul	93
20) Nitrobenzene	9.00	77	23634	4.74	ng/ul	98
21) Isophorone	9.51	82	47060	4.65	ng/ul#	97
23) 2-Nitrophenol	9.71	139	10499	4.38	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	22617	4.67	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	29425	4.92	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	18140	4.70	ng/ul	95
28) Naphthalene	10.64	128	76243	5.51	ng/ul	99
30) 4-Chloroaniline	10.75	127	22515	4.54	ng/ul	100
31) Hexachlorobutadiene	10.93	225	10990	5.39	ng/ul	97
32) Caprolactam	11.48	113	8123	4.09	ng/ul	90
33) 4-Chloro-3-methylphenol	11.87	107	19109	4.19	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	52007	5.27	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	22135	5.36	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	11229	4.49	ng/ul	90
38) 2,4,6-Trichlorophenol	12.86	196	12399	4.57	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	13715	4.57	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	66836	5.53	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	50398	5.60	ng/ul	97
44) Dimethylphthalate	13.88	163	62189	5.37	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	11037	4.47	ng/ul	96
47) Acenaphthylene	14.15	152	85780	5.45	ng/ul	99
49) Acenaphthene	14.49	153	58341	5.60	ng/ul	97
53) Dibenzofuran	14.83	168	80916	5.77	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	15540	4.47	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.05	232	11176	4.27	ng/ul#	92
56) Diethylphthalate	15.25	149	63614	5.32	ng/ul	99
58) Fluorene	15.48	166	70471	5.76	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.48	204	31875	5.65	ng/ul	94
64) N-Nitrosodiphenylamine	15.69	169	58027	5.20	ng/ul	96
65) 4-Bromophenyl-phenylether	16.37	248	18624	5.02	ng/ul	97
66) Hexachlorobenzene	16.48	284	21655	5.19	ng/ul	96
67) Atrazine	16.63	200	19078	4.98	ng/ul	97
69) Phenanthrene	17.21	178	110607	5.70	ng/ul	99
71) Anthracene	17.30	178	111560	5.58	ng/ul	99
72) Carbazole	17.57	167	105387	5.46	ng/ul	98
73) Di-n-butylphthalate	18.14	149	119102	5.29	ng/ul	99
74) Fluoranthene	19.23	202	124460	5.67	ng/ul	96
77) Pyrene	19.59	202	136503	5.60	ng/ul	97
78) Butylbenzylphthalate	20.49	149	48126	4.46	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	26838	3.45	ng/ul	100
80) Benzo(a)anthracene	21.33	228	124905	5.47	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	65101	4.53	ng/ul#	98
82) Chrysene	21.39	228	121257	5.66	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	106782	4.63	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	116232	5.31	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	113146	5.36	ng/ul	99
88) Benzo(a)pyrene	23.55	252	114106	5.37	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	128653	5.08	ng/ul	98
90) Dibenzo(a,h)anthracene	26.03	278	107713	5.06	ng/ul	96
91) Benzo(g,h,i)perylene	26.73	276	108180	5.11	ng/ul	99

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

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