Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG021974.D
Acq On : 21 May 2016 9:27
Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 23 17:00:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	190325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	107381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	201672	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	157958	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	157748	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1384	1.91	ng/uL	0.00
5) Phenol-d5	7.32	99	14332	4.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	7483	4.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	14036	4.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	12890	4.46	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	6404	4.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	6953	4.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	11723	4.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	9370	3.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	41791	5.18	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	57391	5.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	2992	2.15	ng/ul	0.01
57) Fluorene-d10	15.77	176	38421	5.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	3599	3.41	ng/ul	0.00
70) Anthracene-d10	17.63	188	51326	5.29	ng/ul	0.00
76) Pyrene-d10	19.90	212	43705	4.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	35406	4.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	2554	1.95	ng/uL	93
4) Benzaldehyde	7.30	77	9218	4.91	ng/ul	92
6) Phenol	7.34	94	14617	4.26	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.58	93	10877	4.34	ng/ul	97
10) 2-Chlorophenol	7.73	128	13532	4.82	ng/ul	92
11) 2-Methylphenol	8.60	108	12297	4.49	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.69	45	15013	5.01	ng/ul	97
14) Acetophenone	8.99	105	18847	4.66	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.96	70	10562	5.06	ng/ul	94
16) 4-Methylphenol	8.93	108	12908	4.37	ng/ul	89
17) Hexachloroethane	9.25	117	5859	5.24	ng/ul	90
20) Nitrobenzene	9.37	77	13466	4.74	ng/ul	91
21) Isophorone	9.89	82	30433	5.02	ng/ul	95
23) 2-Nitrophenol	10.08	139	7296	4.59	ng/ul	95
24) 2,4-Dimethylphenol	10.14	107	14868	4.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	16918	4.87	ng/ul	97
27) 2,4-Dichlorophenol	10.62	162	12903	4.90	ng/ul	87
28) Naphthalene	11.03	128	50568	5.24	ng/ul	99
30) 4-Chloroaniline	11.14	127	10421	3.55	ng/ul	99
31) Hexachlorobutadiene	11.31	225	8430	5.43	ng/ul	94
32) Caprolactam	11.88	113	5010	4.76	ng/ul	99
33) 4-Chloro-3-methylphenol	12.25	107	13290	4.74	ng/ul	100
34) 2-Methylnaphthalene	12.63	142	35090	5.09	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	16218	5.09 ng/ul	90
37) Hexachlorocyclopentadiene	12.96	237	4083	2.98 ng/ul#	87
38) 2,4,6-Trichlorophenol	13.23	196	10632	4.94 ng/ul	93
39) 2,4,5-Trichlorophenol	13.30	196	11413	5.00 ng/ul	93
40) 1,1'-Biphenyl	13.62	154	43714	4.94 ng/ul	97
41) 2-Chloronaphthalene	13.67	162	34506	5.08 ng/ul	95
42) 2-Nitroaniline	13.87	65	5798	3.91 ng/ul	96
44) Dimethylphthalate	14.23	163	41369	5.10 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	8064	4.64 ng/ul	94
47) Acenaphthylene	14.51	152	59966	5.23 ng/ul	96
48) 3-Nitroaniline	14.71	138	5093	3.17 ng/ul#	98
49) Acenaphthene	14.85	153	40031	5.05 ng/ul	96
52) 4-Nitrophenol	15.01	109	1350	1.72 ng/ul	95
53) Dibenzofuran	15.18	168	48906	4.99 ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	10749	4.59 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	8404	4.66 ng/ul#	97
56) Diethylphthalate	15.58	149	42794	5.09 ng/ul	99
58) Fluorene	15.83	166	41413	5.01 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	18336	4.92 ng/ul	98
60) 4-Nitroaniline	15.85	138	3197	1.80 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.91	198	3568	3.27 ng/ul#	97
64) N-Nitrosodiphenylamine	16.03	169	32452	5.09 ng/ul	96
65) 4-Bromophenyl-phenylether	16.71	248	10153	4.98 ng/ul	95
66) Hexachlorobenzene	16.84	284	13547	5.72 ng/ul	97
67) Atrazine	16.97	200	11733	5.34 ng/ul	94
68) Pentachlorophenol	17.18	266	5425	4.40 ng/ul	94
69) Phenanthrene	17.57	178	57927	5.16 ng/ul	99
71) Anthracene	17.66	178	59257	5.22 ng/ul	98
72) Carbazole	17.93	167	48131	4.89 ng/ul	94
73) Di-n-butylphthalate	18.47	149	67956	5.15 ng/ul	99
74) Fluoranthene	19.57	202	56300	4.93 ng/ul	95
77) Pyrene	19.93	202	55492	4.99 ng/ul	97
78) Butylbenzylphthalate	20.80	149	27229	5.17 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.70	252	15592	5.25 ng/ul#	96
80) Benzo(a)anthracene	21.79	228	47696	5.15 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.67	149	39051	5.21 ng/ul	96
82) Chrysene	21.86	228	47989	5.35 ng/ul	95
84) Di-n-octyl phthalate	22.92	149	65457	5.09 ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	45149	4.89 ng/ul#	89
86) Benzo(k)fluoranthene	24.14	252	47266	5.21 ng/ul#	84
88) Benzo(a)pyrene	24.98	252	43870	4.93 ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	28.94	276	20321	1.98 ng/ul	94
90) Dibenzo(a,h)anthracene	29.01	278	20003	2.34 ng/ul#	94
91) Benzo(g,h,i)perylene	30.14	276	21017	2.57 ng/ul	96

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

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