Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021241.D
Acq On : 3 Mar 2016 19:39
Operator : UM/SJ
Sample : SSTD01002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01002

Manual Integrations APPROVED
UMANGI
3/7/2016 9:34:36 AM

Quant Time: Mar 04 01:33:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 01:23:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	9254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	44108	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27679	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	66376	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	72222	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	66321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1076	5.46	ng/uL	0.00
5) Phenol-d5	7.28	99	9220	9.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	6482	12.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	6935	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	7377	9.11	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	3601	10.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	3880	10.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	6640	9.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	8900	9.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	23747	10.06	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	29180	10.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4320	9.25	ng/ul	0.00
58) Fluorene-d10	15.73	176	20809	10.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	4279	12.12	ng/ul	0.00
71) Anthracene-d10	17.58	188	33131	10.13	ng/ul	0.00
79) Pyrene-d10	19.85	212	36828	9.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	35944	9.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	1176	4.94	ng/uL#	91
4) Benzaldehyde	7.27	77	7693	13.71	ng/ul	92
6) Phenol	7.31	94	10175	10.09	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.55	93	7956	10.42	ng/ul	96
10) 2-Chlorophenol	7.69	128	7550	10.02	ng/ul	93
11) 2-Methylphenol	8.56	108	7392	9.41	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.66	45	12149	13.86	ng/ul	98
14) Acetophenone	8.95	105	13134	10.46	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.93	70	8444	12.68	ng/ul	91
16) 4-Methylphenol	8.89	108	8619	9.86	ng/ul	96
17) Hexachloroethane	9.22	117	3307	11.31	ng/ul	94
20) Nitrobenzene	9.33	77	11310	13.81	ng/ul	100
21) Isophorone	9.86	82	21229	12.09	ng/ul	96
23) 2-Nitrophenol	10.05	139	4324	10.39	ng/ul#	92
24) 2,4-Dimethylphenol	10.10	107	10029	11.55	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.34	93	11431	10.76	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	6940	9.63	ng/ul	95
28) Naphthalene	10.99	128	24895	10.15	ng/ul	98
30) 4-Chloroaniline	11.10	127	9906	10.43	ng/ul	90
31) Hexachlorobutadiene	11.27	225	4861	13.20	ng/ul	96
32) Caprolactam	11.87	113	2732m	9.63	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	9594	11.18	ng/ul	98
34) 2-Methylnaphthalene	12.58	142	18217	9.89	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	16782	9.65	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	9243	11.35	ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	5643	11.95	ng/ul	96
39) 2,4,6-Trichlorophenol	13.18	196	6276	10.75	ng/ul	91
40) 2,4,5-Trichlorophenol	13.25	196	6807	10.63	ng/ul	90
41) 1,1'-Biphenyl	13.58	154	23780	9.80	ng/ul	96
42) 2-Chloronaphthalene	13.62	162	18530	10.31	ng/ul	96
43) 2-Nitroaniline	13.82	65	8045	14.59	ng/ul	88
45) Dimethylphthalate	14.19	163	25318	10.27	ng/ul#	98
46) 2,6-Dinitrotoluene	14.31	165	4987	10.21	ng/ul	94
48) Acenaphthylene	14.46	152	29668	9.50	ng/ul	99
49) 3-Nitroaniline	14.64	138	5296	9.83	ng/ul#	84
50) Acenaphthene	14.80	153	20519	9.39	ng/ul	97
51) 2,4-Dinitrophenol	14.85	184	2854	12.60	ng/ul#	73
53) 4-Nitrophenol	14.93	109	5546	17.19	ng/ul	89
54) Dibenzofuran	15.13	168	28424	9.98	ng/ul	94
55) 2,4-Dinitrotoluene	15.09	165	7733	11.29	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.36	232	6210	11.20	ng/ul#	93
57) Diethylphthalate	15.54	149	28345	10.83	ng/ul	98
59) Fluorene	15.78	166	24413	9.84	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.77	204	12458	11.35	ng/ul	94
61) 4-Nitroaniline	15.80	138	6032	9.83	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	4587	11.66	ng/ul#	98
65) N-Nitrosodiphenylamine	15.98	169	22277	9.86	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	7320	10.26	ng/ul	93
67) Hexachlorobenzene	16.78	284	7267	9.38	ng/ul#	92
68) Atrazine	16.93	200	8082	10.68	ng/ul#	92
69) Pentachlorophenol	17.12	266	4363	9.32	ng/ul	95
70) Phenanthrene	17.52	178	39862	9.64	ng/ul	98
72) Anthracene	17.61	178	40706	9.82	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	8618	10.23	ng/uL#	95
74) Pentachlorobenzene	15.06	250	8887	10.49	ng/uL	94
75) Carbazole	17.88	167	35535	9.75	ng/ul	97
76) Di-n-butylphthalate	18.42	149	47055	9.88	ng/ul	99
77) Fluoranthene	19.52	202	46242	10.55	ng/ul	97
80) Pyrene	19.87	202	49172	9.62	ng/ul#	97
81) Butylbenzylphthalate	20.75	149	21840	9.20	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	16348	10.48	ng/ul	94
83) Benzo(a)anthracene	21.72	228	46827	9.97	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	32557	9.08	ng/ul	99
85) Chrysene	21.78	228	44214	10.19	ng/ul	97
87) Di-n-octyl phthalate	22.84	149	56030	9.51	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	45051	9.89	ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	45065	10.43	ng/ul	97
91) Benzo(a)pyrene	24.84	252	44115	10.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.70	276	48037	9.77	ng/ul	97
93) Dibenzo(a,h)anthracene	28.77	278	40614m	9.98	ng/ul	
94) Benzo(g,h,i)perylene	29.86	276	39395m	9.75	ng/ul	

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

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