Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021358.D
Acq On : 8 Mar 2016 9:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
UMANGI
3/9/2016 9:28:08 AM

Quant Time: Mar 09 00:08:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 02:59:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	57873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	34053	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	77407	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	82085	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	76415	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1923	6.93	ng/uL	0.00
5) Phenol-d5	7.27	99	24350	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16008	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	17306	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	19531	20.41	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8920	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	9764	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17968	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	22803	20.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	53477	18.99	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	70326	19.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9639	17.38	ng/ul	0.00
58) Fluorene-d10	15.72	176	48806	19.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9357	17.22	ng/ul	0.00
71) Anthracene-d10	17.57	188	74481	19.52	ng/ul	0.00
79) Pyrene-d10	19.85	212	80906	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	79993	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2348	6.85	ng/uL#	90
4) Benzaldehyde	7.26	77	11415	15.56	ng/ul	98
6) Phenol	7.30	94	26748	20.51	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.54	93	18591	19.28	ng/ul	91
10) 2-Chlorophenol	7.68	128	18951	20.93	ng/ul	97
11) 2-Methylphenol	8.56	108	19836	20.52	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	30107	20.61	ng/ul	99
14) Acetophenone	8.95	105	32140	20.02	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.92	70	19940	20.10	ng/ul#	97
16) 4-Methylphenol	8.88	108	21649	20.22	ng/ul	99
17) Hexachloroethane	9.21	117	8133	20.64	ng/ul	98
20) Nitrobenzene	9.33	77	29327	19.76	ng/ul	99
21) Isophorone	9.85	82	52006	19.07	ng/ul	98
23) 2-Nitrophenol	10.04	139	10473	18.54	ng/ul	95
24) 2,4-Dimethylphenol	10.09	107	26206	19.75	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	26582	18.61	ng/ul	98
27) 2,4-Dichlorophenol	10.57	162	18198	19.96	ng/ul#	88
28) Naphthalene	10.99	128	61928	19.25	ng/ul	98
30) 4-Chloroaniline	11.09	127	25106	20.87	ng/ul	95
31) Hexachlorobutadiene	11.26	225	12215	19.71	ng/ul	95
32) Caprolactam	11.84	113	6689m	19.11	ng/ul	
33) 4-Chloro-3-methylphenol	12.20	107	24886	20.16	ng/ul	99
34) 2-Methylnaphthalene	12.57	142	44667	19.26	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	42261	19.40 ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	22972	19.81 ng/ul	91
38) Hexachlorocyclopentadiene	12.91	237	11809	15.46 ng/ul	94
39) 2,4,6-Trichlorophenol	13.17	196	15327	19.50 ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	16951	20.07 ng/ul	93
41) 1,1'-Biphenyl	13.57	154	56904	19.32 ng/ul	99
42) 2-Chloronaphthalene	13.62	162	44984	19.99 ng/ul	99
43) 2-Nitroaniline	13.82	65	19471	20.02 ng/ul	92
45) Dimethylphthalate	14.18	163	56614	18.69 ng/ul#	97
46) 2,6-Dinitrotoluene	14.31	165	11966	19.19 ng/ul	93
48) Acenaphthylene	14.46	152	71485	19.42 ng/ul	99
49) 3-Nitroaniline	14.63	138	11052	18.22 ng/ul	97
50) Acenaphthene	14.80	153	50596	20.08 ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	6358	15.13 ng/ul	93
53) 4-Nitrophenol	14.93	109	13046	19.37 ng/ul	95
54) Dibenzofuran	15.13	168	68110	19.84 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	17759	19.17 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.35	232	14148	18.81 ng/ul#	93
57) Diethylphthalate	15.54	149	62376	18.67 ng/ul	97
59) Fluorene	15.78	166	57775	19.27 ng/ul	92
60) 4-Chlorophenyl-phenylether	15.76	204	28536	19.14 ng/ul	97
61) 4-Nitroaniline	15.80	138	11045	15.52 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	10271	17.45 ng/ul	93
65) N-Nitrosodiphenylamine	15.98	169	51244	20.36 ng/ul	100
66) 4-Bromophenyl-phenylether	16.66	248	17101	19.85 ng/ul	98
67) Hexachlorobenzene	16.77	284	17161	20.33 ng/ul	93
68) Atrazine	16.92	200	18899	19.73 ng/ul	95
69) Pentachlorophenol	17.12	266	10373	18.15 ng/ul#	88
70) Phenanthrene	17.51	178	90467	19.68 ng/ul	99
72) Anthracene	17.61	178	92886	19.89 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	20904	20.11 ng/uL	95
74) Pentachlorobenzene	15.05	250	20672	20.03 ng/uL	95
75) Carbazole	17.87	167	79655	19.54 ng/ul	98
76) Di-n-butylphthalate	18.41	149	107202	19.50 ng/ul	99
77) Fluoranthene	19.51	202	103866	19.22 ng/ul	97
80) Pyrene	19.88	202	106531	19.56 ng/ul	96
81) Butylbenzylphthalate	20.75	149	50252	20.37 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.63	252	32977	18.95 ng/ul	98
83) Benzo(a)anthracene	21.71	228	105265	19.98 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	73333	20.01 ng/ul	97
85) Chrysene	21.78	228	97621	19.86 ng/ul	98
87) Di-n-octyl phthalate	22.82	149	125017	19.91 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	102194	19.65 ng/ul	100
89) Benzo(k)fluoranthene	24.02	252	101348	20.09 ng/ul	100
91) Benzo(a)pyrene	24.84	252	99528	19.78 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.69	276	111720	20.34 ng/ul	97
93) Dibenzo(a,h)anthracene	28.75	278	93581	19.82 ng/ul	98
94) Benzo(g,h,i)perylene	29.86	276	91834	22.27 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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