Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018337.D
Acq On : 9 Aug 2015 20:24
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:25:35 PM

Quant Time: Aug 10 07:49:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:38:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	82121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	371143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	224016	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	539761	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	526073	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	537717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	14451	7.78	ng/uL	0.00
5) Phenol-d5	7.21	99	153376	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	95937	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	117141	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	129534	20.68	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	59016	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	58761	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	128830	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	167053	23.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	386846	20.52	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	491034	20.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	70587	20.82	ng/ul	0.00
58) Fluorene-d10	15.67	176	336681	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	51680	19.47	ng/ul	0.00
71) Anthracene-d10	17.53	188	535613	20.75	ng/ul	0.00
79) Pyrene-d10	19.81	212	571325	20.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	579346	20.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	15912	8.00	ng/uL	90
4) Benzaldehyde	7.20	77	102923	23.54	ng/ul	97
6) Phenol	7.24	94	157664	20.74	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.48	93	124278	21.25	ng/ul	97
10) 2-Chlorophenol	7.63	128	120179	20.66	ng/ul	97
11) 2-Methylphenol	8.50	108	123693	20.98	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.60	45	195539	20.83	ng/ul	98
14) Acetophenone	8.89	105	192242	21.25	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	108810	20.96	ng/ul	95
16) 4-Methylphenol	8.82	108	134539	20.91	ng/ul	89
17) Hexachloroethane	9.16	117	49920	19.91	ng/ul	97
20) Nitrobenzene	9.26	77	150706	20.64	ng/ul	94
21) Isophorone	9.79	82	287500	20.47	ng/ul	99
23) 2-Nitrophenol	9.98	139	66385	20.29	ng/ul	96
24) 2,4-Dimethylphenol	10.03	107	151188	20.62	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.28	93	178215	20.36	ng/ul	98
27) 2,4-Dichlorophenol	10.51	162	120693	20.60	ng/ul	97
28) Naphthalene	10.92	128	401531	20.47	ng/ul	98
30) 4-Chloroaniline	11.02	127	172312	23.97	ng/ul	95
31) Hexachlorobutadiene	11.22	225	77170	20.86	ng/ul	95
32) Caprolactam	11.79	113	47811	20.26	ng/ul	85
33) 4-Chloro-3-methylphenol	12.13	107	140237	20.66	ng/ul	94
34) 2-Methylnaphthalene	12.52	142	283744	19.97	ng/ul	97

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35) 1-Methylnaphthalene	12.74	142	279177	20.13	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	144006	20.05	ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	85346	19.96	ng/ul	89
39) 2,4,6-Trichlorophenol	13.12	196	100685	20.58	ng/ul	95
40) 2,4,5-Trichlorophenol	13.18	196	111359	21.17	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	390260	20.87	ng/ul	96
42) 2-Chloronaphthalene	13.57	162	296500	20.42	ng/ul	96
43) 2-Nitroaniline	13.75	65	97319	20.76	ng/ul	97
45) Dimethylphthalate	14.14	163	388630	20.90	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	79202	21.39	ng/ul	98
48) Acenaphthylene	14.41	152	486430	20.43	ng/ul	98
49) 3-Nitroaniline	14.58	138	86006	22.77	ng/ul	94
50) Acenaphthene	14.75	153	344357	20.62	ng/ul	97
51) 2,4-Dinitrophenol	14.78	184	32458	17.98	ng/ul	92
53) 4-Nitrophenol	14.87	109	61744	20.95	ng/ul	92
54) Dibenzofuran	15.08	168	450009	20.62	ng/ul	99
55) 2,4-Dinitrotoluene	15.03	165	113538	21.49	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.30	232	93538	20.41	ng/ul#	96
57) Diethylphthalate	15.50	149	409676	20.74	ng/ul	98
59) Fluorene	15.73	166	386431	20.59	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	180443	20.31	ng/ul	98
61) 4-Nitroaniline	15.74	138	89083	21.35	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	54600	19.28	ng/ul#	95
65) N-Nitrosodiphenylamine	15.93	169	330445	20.35	ng/ul	96
66) 4-Bromophenyl-phenylether	16.61	248	118873	20.37	ng/ul	98
67) Hexachlorobenzene	16.73	284	126379	20.47	ng/ul	98
68) Atrazine	16.88	200	132984	21.88	ng/ul	98
69) Pentachlorophenol	17.07	266	85245	20.62	ng/ul	99
70) Phenanthrene	17.47	178	600023	20.49	ng/ul	99
72) Anthracene	17.56	178	619190	20.75	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	153513	20.56	ng/uL	96
74) Pentachlorobenzene	15.01	250	144102	20.21	ng/uL	90
75) Carbazole	17.83	167	586380	22.41	ng/ul	98
76) Di-n-butylphthalate	18.39	149	718423	21.02	ng/ul	99
77) Fluoranthene	19.47	202	718376	22.97	ng/ul	99
80) Pyrene	19.83	202	737195	20.72	ng/ul	99
81) Butylbenzylphthalate	20.72	149	314781	20.92	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.59	252	249707	22.86	ng/ul	97
83) Benzo(a)anthracene	21.67	228	679118	20.82	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	453048	21.31	ng/ul	99
85) Chrysene	21.74	228	636604	20.87	ng/ul	98
87) Di-n-octyl phthalate	22.82	149	760173	21.91	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	678799	20.09	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	680890	20.93	ng/ul	97
91) Benzo(a)pyrene	24.77	252	661264	20.59	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.61	276	753032m	20.26	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	631529	20.45	ng/ul	99
94) Benzo(g,h,i)perylene	29.76	276	623193	19.97	ng/ul	97

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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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