Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018315.D
Acq On : 8 Aug 2015 5:31
Operator : UM/TP
Sample : SSTD01073
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01073

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:22:20 PM

Quant Time: Aug 08 08:00:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	14073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	59949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	43866	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	115333m	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	118324	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	111611	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.88	96	1159	4.40	ng/uL	0.00
5) Phenol-d5	6.61	99	14414	11.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	8551	11.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	11367	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	11448	10.35	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	6536	12.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	7180	11.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	12744	10.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	14776	11.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	50207	11.36	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	53720	10.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	5851	10.22	ng/ul	0.00
58) Fluorene-d10	15.10	176	45163	11.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	8456m	9.89	ng/ul	0.00
71) Anthracene-d10	16.95	188	69944	11.24	ng/ul	0.00
79) Pyrene-d10	19.26	212	79969	11.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	79361m	10.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	1345	4.11	ng/uL#	59
4) Benzaldehyde	6.55	77	12077	14.34	ng/ul#	82
6) Phenol	6.64	94	15345	11.71	ng/ul	88
8) Bis(2-Chloroethyl)ether	6.84	93	11183	11.60	ng/ul	92
10) 2-Chlorophenol	6.97	128	11582	10.93	ng/ul#	88
11) 2-Methylphenol	7.88	108	11514	11.06	ng/ul#	64
12) 2,2'-oxybis(1-Chloropropan	7.95	45	10657	12.35	ng/ul#	80
14) Acetophenone	8.23	105	20327	11.17	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.21	70	12637	11.29	ng/ul#	85
16) 4-Methylphenol	8.21	108	11604	10.01	ng/ul	95
17) Hexachloroethane	8.47	117	5771	10.50	ng/ul#	77
20) Nitrobenzene	8.60	77	18312	11.93	ng/ul#	91
21) Isophorone	9.12	82	35140	12.30	ng/ul	96
23) 2-Nitrophenol	9.31	139	6808	10.43	ng/ul#	78
24) 2,4-Dimethylphenol	9.40	107	18634	11.85	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.62	93	16309	12.03	ng/ul	93
27) 2,4-Dichlorophenol	9.86	162	12255	11.13	ng/ul	92
28) Naphthalene	10.24	128	40972	11.91	ng/ul	97
30) 4-Chloroaniline	10.37	127	14371	11.65	ng/ul	91
31) Hexachlorobutadiene	10.53	225	9360	9.84	ng/ul#	71
32) Caprolactam	11.11	113	6449m	13.39	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	16979	11.53	ng/ul#	76
34) 2-Methylnaphthalene	11.87	142	31450	11.58	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.09	142	31792	11.79	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	18448	11.36	ng/ul#	82
38) Hexachlorocyclopentadiene	12.23	237	2832	4.72	ng/ul#	61
39) 2,4,6-Trichlorophenol	12.52	196	10087	9.51	ng/ul	96
40) 2,4,5-Trichlorophenol	12.59	196	12247m	10.99	ng/ul	
41) 1,1'-Biphenyl	12.91	154	44240	11.34	ng/ul	95
42) 2-Chloronaphthalene	12.95	162	32825	10.99	ng/ul	95
43) 2-Nitroaniline	13.17	65	14394	13.03	ng/ul	90
45) Dimethylphthalate	13.56	163	50047	11.57	ng/ul	96
46) 2,6-Dinitrotoluene	13.68	165	9941	10.66	ng/ul	88
48) Acenaphthylene	13.81	152	54932	11.25	ng/ul#	92
49) 3-Nitroaniline	14.02	138	9933	12.32	ng/ul#	99
50) Acenaphthene	14.16	153	35678	10.85	ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	3307m	8.00	ng/ul	
53) 4-Nitrophenol	14.36	109	8597	9.46	ng/ul#	85
54) Dibenzofuran	14.50	168	53270	11.00	ng/ul	95
55) 2,4-Dinitrotoluene	14.49	165	15959	11.48	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.74	232	10367	10.27	ng/ul#	75
57) Diethylphthalate	14.94	149	55534	11.69	ng/ul	97
59) Fluorene	15.15	166	47083	11.20	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.15	204	26344	10.95	ng/ul	93
61) 4-Nitroaniline	15.18	138	9988	12.15	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	8282m	9.55	ng/ul	
65) N-Nitrosodiphenylamine	15.37	169	41263	10.99	ng/ul	97
66) 4-Bromophenyl-phenylether	16.05	248	19121	11.39	ng/ul	94
67) Hexachlorobenzene	16.16	284	21978	10.77	ng/ul	96
68) Atrazine	16.34	200	19841m	12.04	ng/ul	
69) Pentachlorophenol	16.52	266	4317m	7.40	ng/ul	
70) Phenanthrene	16.89	178	80382m	11.14	ng/ul	
72) Anthracene	16.98	178	80186	11.05	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	20858	12.14	ng/uL	92
74) Pentachlorobenzene	14.41	250	21243	10.79	ng/uL	95
75) Carbazole	17.26	167	68795	12.31	ng/ul	98
76) Di-n-butylphthalate	17.83	149	94834	11.21	ng/ul	99
77) Fluoranthene	18.93	202	92954	11.90	ng/ul	99
80) Pyrene	19.29	202	97861	11.35	ng/ul#	92
81) Butylbenzylphthalate	20.21	149	40126	10.65	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.99	252	31977	10.44	ng/ul#	93
83) Benzo(a)anthracene	21.05	228	91139	11.32	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	56416	11.06	ng/ul	97
85) Chrysene	21.10	228	79876m	10.72	ng/ul	
87) Di-n-octyl phthalate	21.85	149	86553	11.27	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	94538m	11.18	ng/ul	
89) Benzo(k)fluoranthene	22.62	252	87413m	10.82	ng/ul	
91) Benzo(a)pyrene	23.12	252	83706	10.99	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.38	276	102312	11.00	ng/ul	95
93) Dibenzo(a,h)anthracene	25.39	278	90992	11.23	ng/ul	97
94) Benzo(g,h,i)perylene	26.04	276	84748	11.18	ng/ul	93

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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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