Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018318.D
Acq On : 8 Aug 2015 7:15
Operator : UM/TP
Sample : SSTD08076
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08076

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:22:40 PM

Quant Time: Aug 08 08:05:53 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	14660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	65039	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	42841	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	110942	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	115596	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	97284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.87	96	7921	28.85	ng/uL	0.00
5) Phenol-d5	6.62	99	110021	82.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	63273	82.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	84972	75.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	86972	75.47	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	44244	74.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	51593	75.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	98035	77.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	108992	78.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	320482	74.22	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	369204	77.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	45821	81.95	ng/ul	0.02
58) Fluorene-d10	15.10	176	288344	76.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	67711	82.34	ng/ul	0.00
71) Anthracene-d10	16.96	188	449045m	75.02	ng/ul	0.00
79) Pyrene-d10	19.27	212	471173	70.45	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.09	264	495602	78.76	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	8805	25.85	ng/uL#	65
4) Benzaldehyde	6.55	77	70941	80.85	ng/ul#	85
6) Phenol	6.65	94	113552	83.20	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.85	93	78677	78.33	ng/ul	97
10) 2-Chlorophenol	6.98	128	83285	75.47	ng/ul	97
11) 2-Methylphenol	7.88	108	86887m	80.09	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	7.95	45	72114	80.21	ng/ul	96
14) Acetophenone	8.23	105	144642	76.32	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.23	70	84059	72.07	ng/ul#	80
16) 4-Methylphenol	8.22	108	93627	77.53	ng/ul	90
17) Hexachloroethane	8.46	117	42514	74.24	ng/ul	86
20) Nitrobenzene	8.61	77	130808	78.58	ng/ul	96
21) Isophorone	9.14	82	234661	75.73	ng/ul	99
23) 2-Nitrophenol	9.31	139	55163	77.87	ng/ul	94
24) 2,4-Dimethylphenol	9.40	107	132785	77.87	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	109693	74.60	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	91408	76.53	ng/ul	97
28) Naphthalene	10.24	128	277926	74.47	ng/ul	96
30) 4-Chloroaniline	10.37	127	108850	81.30	ng/ul	93
31) Hexachlorobutadiene	10.52	225	74075	71.75	ng/ul#	85
32) Caprolactam	11.15	113	38540m	73.75	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	125210	78.35	ng/ul	89
34) 2-Methylnaphthalene	11.88	142	218828	74.25	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	211665	72.36	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	127403	80.35	ng/ul	90
38) Hexachlorocyclopentadiene	12.23	237	60932	104.01	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.52	196	85672m	82.70	ng/ul	
40) 2,4,5-Trichlorophenol	12.60	196	89640	82.40	ng/ul	93
41) 1,1'-Biphenyl	12.92	154	302359	79.37	ng/ul	98
42) 2-Chloronaphthalene	12.96	162	229426	78.69	ng/ul	98
43) 2-Nitroaniline	13.18	65	93266	86.45	ng/ul	95
45) Dimethylphthalate	13.57	163	320051	75.74	ng/ul#	96
46) 2,6-Dinitrotoluene	13.70	165	69757	76.59	ng/ul	86
48) Acenaphthylene	13.82	152	355862	74.61	ng/ul	96
49) 3-Nitroaniline	14.03	138	62201	79.00	ng/ul#	90
50) Acenaphthene	14.16	153	239613	74.62	ng/ul	96
51) 2,4-Dinitrophenol	14.25	184	37413	92.68	ng/ul#	69
53) 4-Nitrophenol	14.38	109	79535	89.61	ng/ul	96
54) Dibenzofuran	14.50	168	365899	77.38	ng/ul	95
55) 2,4-Dinitrotoluene	14.50	165	106839	78.67	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.74	232	78973	80.12	ng/ul#	83
57) Diethylphthalate	14.95	149	350135	75.44	ng/ul	95
59) Fluorene	15.15	166	320014	77.95	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.15	204	181081	77.07	ng/ul	93
61) 4-Nitroaniline	15.21	138	61413	76.47	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.27	198	71876	86.19	ng/ul	99
65) N-Nitrosodiphenylamine	15.38	169	264653	73.26	ng/ul	95
66) 4-Bromophenyl-phenylether	16.05	248	124605	77.14	ng/ul	96
67) Hexachlorobenzene	16.17	284	146325	74.55	ng/ul	96
68) Atrazine	16.35	200	122867	77.51	ng/ul	95
69) Pentachlorophenol	16.52	266	49831	88.79	ng/ul	89
70) Phenanthrene	16.90	178	507636	73.16	ng/ul	99
72) Anthracene	16.99	178	505841	72.47	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	134096	81.13	ng/uL	97
74) Pentachlorobenzene	14.42	250	149999	79.17	ng/uL	94
75) Carbazole	17.27	167	423971	78.86	ng/ul	98
76) Di-n-butylphthalate	17.84	149	579118	71.18	ng/ul	98
77) Fluoranthene	18.93	202	596916	79.46	ng/ul	99
80) Pyrene	19.30	202	586935	69.66	ng/ul	97
81) Butylbenzylphthalate	20.21	149	267766	72.72	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.00	252	241618	80.73	ng/ul	97
83) Benzo(a)anthracene	21.05	228	567075	72.07	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	387743	77.80	ng/ul	98
85) Chrysene	21.11	228	520476	71.50	ng/ul	95
87) Di-n-octyl phthalate	21.85	149	535762	80.03	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	599264	81.31	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	536237	76.16	ng/ul	98
91) Benzo(a)pyrene	23.14	252	518880	78.18	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.40	276	688444	84.91	ng/ul	98
93) Dibenzo(a,h)anthracene	25.41	278	602853	85.33	ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	533562	80.79	ng/ul	94

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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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