Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018274.D
Acq On : 5 Aug 2015 17:21
Operator : UM/TP
Sample : SSTD04062
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04062

Quant Time: Aug 06 01:57:05 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 01:36:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	40147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	179074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	127728	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	311405m	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	271633	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	164571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	7158	13.99	ng/uL	0.00
5) Phenol-d5	6.64	99	124623	35.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	60404	34.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	103488	38.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	105216	36.80	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	54872	39.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	65717	40.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	119026	42.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	149842	42.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	384510	39.35	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	447976	39.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	63159	35.81	ng/ul	0.00
58) Fluorene-d10	15.12	176	342615	38.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	86851m	40.13	ng/ul	0.00
71) Anthracene-d10	16.98	188	542652	40.51	ng/ul	0.00
79) Pyrene-d10	19.29	212	565855	42.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	347461	41.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.93	88	8220	14.36	ng/uL#	79
4) Benzaldehyde	6.58	77	67310	36.14	ng/ul	95
6) Phenol	6.67	94	118968	33.38	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	88630	34.50	ng/ul	96
10) 2-Chlorophenol	7.01	128	99776	38.24	ng/ul	95
11) 2-Methylphenol	7.91	108	99556	35.38	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.98	45	68445	30.96	ng/ul	93
14) Acetophenone	8.26	105	162568	36.18	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.25	70	86963	34.69	ng/ul#	95
16) 4-Methylphenol	8.24	108	109912	35.38	ng/ul	94
17) Hexachloroethane	8.49	117	45953	37.72	ng/ul	98
20) Nitrobenzene	8.63	77	123333	37.31	ng/ul	98
21) Isophorone	9.16	82	246930	36.48	ng/ul	97
23) 2-Nitrophenol	9.35	139	68914	41.85	ng/ul	95
24) 2,4-Dimethylphenol	9.43	107	145214	41.14	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.65	93	124152	35.38	ng/ul#	98
27) 2,4-Dichlorophenol	9.89	162	112850	41.01	ng/ul	90
28) Naphthalene	10.27	128	329123	38.83	ng/ul	96
30) 4-Chloroaniline	10.39	127	155912	43.83	ng/ul	94
31) Hexachlorobutadiene	10.55	225	82879	42.32	ng/ul	98
32) Caprolactam	11.16	113	51347m	41.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	141196	40.28	ng/ul	93
34) 2-Methylnaphthalene	11.90	142	270176	40.10	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	258316	39.84 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	149967	41.63 ng/ul	96
38) Hexachlorocyclopentadiene	12.25	237	69713	38.39 ng/ul	92
39) 2,4,6-Trichlorophenol	12.54	196	97229	39.96 ng/ul	93
40) 2,4,5-Trichlorophenol	12.62	196	106998	41.11 ng/ul	96
41) 1,1'-Biphenyl	12.94	154	352522	39.04 ng/ul	99
42) 2-Chloronaphthalene	12.98	162	276158	40.25 ng/ul	96
43) 2-Nitroaniline	13.21	65	90133	38.40 ng/ul	94
45) Dimethylphthalate	13.59	163	381568	39.07 ng/ul	98
46) 2,6-Dinitrotoluene	13.72	165	88541	39.66 ng/ul	97
48) Acenaphthylene	13.84	152	451194	39.96 ng/ul	99
49) 3-Nitroaniline	14.05	138	80965	40.86 ng/ul#	97
50) Acenaphthene	14.18	153	291249	39.79 ng/ul	95
51) 2,4-Dinitrophenol	14.26	184	49161	37.15 ng/ul#	85
53) 4-Nitrophenol	14.40	109	69129	38.01 ng/ul	98
54) Dibenzofuran	14.52	168	437322	39.46 ng/ul	96
55) 2,4-Dinitrotoluene	14.52	165	132110	40.43 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	98313	38.95 ng/ul	97
57) Diethylphthalate	14.97	149	405221	39.91 ng/ul	98
59) Fluorene	15.18	166	375889	39.34 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	207021	39.98 ng/ul	99
61) 4-Nitroaniline	15.22	138	83673	38.24 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	86294	38.32 ng/ul	99
65) N-Nitrosodiphenylamine	15.40	169	324995	40.74 ng/ul	97
66) 4-Bromophenyl-phenylether	16.07	248	137556	41.64 ng/ul	98
67) Hexachlorobenzene	16.19	284	164855	41.27 ng/ul	98
68) Atrazine	16.37	200	150108	42.30 ng/ul	97
69) Pentachlorophenol	16.54	266	62564m	30.41 ng/ul	
70) Phenanthrene	16.92	178	619193m	39.66 ng/ul	
72) Anthracene	17.01	178	614811	39.63 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	147895	42.21 ng/uL	88
74) Pentachlorobenzene	14.45	250	169039	43.02 ng/uL	94
75) Carbazole	17.29	167	533928	41.41 ng/ul	98
76) Di-n-butylphthalate	17.86	149	708765	40.73 ng/ul	98
77) Fluoranthene	18.95	202	701413	40.94 ng/ul	99
80) Pyrene	19.32	202	695015	41.73 ng/ul#	98
81) Butylbenzylphthalate	20.23	149	279061	41.37 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.01	252	240797	42.07 ng/ul#	98
83) Benzo(a)anthracene	21.07	228	563814	38.82 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	357555	39.98 ng/ul	98
85) Chrysene	21.13	228	514542	38.87 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	462094	51.14 ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	440219	44.60 ng/ul	98
89) Benzo(k)fluoranthene	22.65	252	410671	44.99 ng/ul	96
91) Benzo(a)pyrene	23.16	252	350599	40.02 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.43	276	428114	41.40 ng/ul	94
93) Dibenzo(a,h)anthracene	25.44	278	383178	42.90 ng/ul	99
94) Benzo(g,h,i)perylene	26.10	276	348234	41.24 ng/ul	95

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

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