Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG083115\
Data File : BG018552.D
Acq On : 31 Aug 2015 18:04
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02020

Quant Time: Sep 01 00:54:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	92035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	412386	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	279830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	725118	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	745687	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	757722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	15845	7.61	ng/uL	0.00
5) Phenol-d5	7.17	99	171650	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	102001	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	129794	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	146717	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	69389	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	73802	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	152125	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	199388	25.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	515637	21.90	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	599833	20.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	100439	23.72	ng/ul	0.00
58) Fluorene-d10	15.62	176	434066	21.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	74930	21.01	ng/ul	0.00
71) Anthracene-d10	17.48	188	704371	20.31	ng/ul	0.00
79) Pyrene-d10	19.76	212	762282	19.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	819174	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	17249	7.74	ng/uL#	74
4) Benzaldehyde	7.15	77	112152	22.89	ng/ul	98
6) Phenol	7.19	94	175993	20.66	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.42	93	135956	20.74	ng/ul	99
10) 2-Chlorophenol	7.58	128	131140	20.11	ng/ul	96
11) 2-Methylphenol	8.45	108	138056	20.90	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	172130	16.36	ng/ul#	94
14) Acetophenone	8.83	105	218241	21.53	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.81	70	118689	20.40	ng/ul#	87
16) 4-Methylphenol	8.78	108	150529	20.88	ng/ul	98
17) Hexachloroethane	9.09	117	54032	19.23	ng/ul	97
20) Nitrobenzene	9.21	77	160546	19.79	ng/ul	93
21) Isophorone	9.73	82	334558	21.44	ng/ul	99
23) 2-Nitrophenol	9.93	139	80251	22.07	ng/ul#	90
24) 2,4-Dimethylphenol	9.98	107	163662	20.09	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.21	93	198183	20.38	ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	145758	22.39	ng/ul	96
28) Naphthalene	10.87	128	449354	20.61	ng/ul	99
30) 4-Chloroaniline	10.97	127	199548	24.98	ng/ul	98
31) Hexachlorobutadiene	11.15	225	82655	20.10	ng/ul	91
32) Caprolactam	11.72	113	71933	27.43	ng/ul	88
33) 4-Chloro-3-methylphenol	12.09	107	167649	22.23	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	335664	21.27	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	333171	21.62 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	179520	20.01 ng/ul	99
38) Hexachlorocyclopentadiene	12.82	237	88535	16.57 ng/ul#	77
39) 2,4,6-Trichlorophenol	13.07	196	130924	21.42 ng/ul	99
40) 2,4,5-Trichlorophenol	13.15	196	142250	21.65 ng/ul	98
41) 1,1'-Biphenyl	13.47	154	461105	19.74 ng/ul	95
42) 2-Chloronaphthalene	13.52	162	352866	19.45 ng/ul	97
43) 2-Nitroaniline	13.72	65	115604	19.74 ng/ul	86
45) Dimethylphthalate	14.09	163	498130	21.45 ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	105874	22.89 ng/ul	95
48) Acenaphthylene	14.36	152	612043	20.58 ng/ul	99
49) 3-Nitroaniline	14.53	138	118703	25.16 ng/ul#	88
50) Acenaphthene	14.70	153	422007	20.23 ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	33356	14.79 ng/ul#	83
53) 4-Nitrophenol	14.84	109	69545	18.89 ng/ul	90
54) Dibenzofuran	15.04	168	570952	20.95 ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	150386	22.78 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.26	232	135984	23.75 ng/ul#	96
57) Diethylphthalate	15.45	149	531371	21.54 ng/ul	98
59) Fluorene	15.68	166	494478	21.09 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	237002	21.36 ng/ul	95
61) 4-Nitroaniline	15.70	138	126301	24.24 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.75	198	78465	20.63 ng/ul	98
65) N-Nitrosodiphenylamine	15.89	169	437663	20.06 ng/ul	95
66) 4-Bromophenyl-phenylether	16.57	248	156888	20.01 ng/ul	92
67) Hexachlorobenzene	16.69	284	170975	20.62 ng/ul	91
68) Atrazine	16.84	200	184729	22.62 ng/ul	99
69) Pentachlorophenol	17.03	266	99211	17.86 ng/ul	97
70) Phenanthrene	17.42	178	810614	20.60 ng/ul	99
72) Anthracene	17.51	178	834987	20.83 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	190934	19.03 ng/uL	97
74) Pentachlorobenzene	14.95	250	187255	19.55 ng/uL	96
75) Carbazole	17.78	167	802529	22.83 ng/ul	100
76) Di-n-butylphthalate	18.34	149	934043	20.34 ng/ul	99
77) Fluoranthene	19.43	202	990195	23.57 ng/ul	99
80) Pyrene	19.79	202	983791	19.51 ng/ul	100
81) Butylbenzylphthalate	20.68	149	413684	19.39 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.54	252	341254	22.04 ng/ul	99
83) Benzo(a)anthracene	21.62	228	927005	20.05 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	605541	20.09 ng/ul	99
85) Chrysene	21.69	228	862315	19.95 ng/ul	98
87) Di-n-octyl phthalate	22.73	149	1014206	20.74 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	958029	20.12 ng/ul	99
89) Benzo(k)fluoranthene	23.89	252	913682	19.93 ng/ul	99
91) Benzo(a)pyrene	24.68	252	906093	20.02 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.47	276	1055350	20.15 ng/ul	98
93) Dibenzo(a,h)anthracene	28.54	278	851480	19.57 ng/ul	97
94) Benzo(g,h,i)perylene	29.61	276	868415	19.74 ng/ul	99

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

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