Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018186.D
Acq On : 31 Jul 2015 17:22
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02052

Manual Integrations APPROVED
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8/4/2015 12:22:06 PM

Quant Time: Jul 31 18:02:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 17:55:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	32386	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	160330	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	117009	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	297335	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	298789	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	276990	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	3324	7.75	ng/uL	0.00
5) Phenol-d5	6.67	99	57590	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	29414	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	43217	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	46057	19.42	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	24990	19.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	28378	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	49822	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	66797	20.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	181072	20.03	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	207916	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	33639	20.10	ng/ul	0.00
58) Fluorene-d10	15.16	176	161690	19.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	39358	18.96	ng/ul	0.00
71) Anthracene-d10	17.01	188	259517	20.07	ng/ul	0.00
79) Pyrene-d10	19.32	212	282306	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	282388	20.16	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	3553	7.18	ng/uL#	87
4) Benzaldehyde	6.62	77	32814	20.84	ng/ul	87
6) Phenol	6.70	94	58372	19.74	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.92	93	44190	20.64	ng/ul	96
10) 2-Chlorophenol	7.05	128	44270	20.79	ng/ul#	85
11) 2-Methylphenol	7.93	108	45897	19.67	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.02	45	37391	19.85	ng/ul	97
14) Acetophenone	8.30	105	74646	20.23	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.29	70	41662	19.89	ng/ul#	92
16) 4-Methylphenol	8.26	108	50960	19.73	ng/ul	93
17) Hexachloroethane	8.55	117	19541	19.77	ng/ul	97
20) Nitrobenzene	8.68	77	59075	19.57	ng/ul#	82
21) Isophorone	9.19	82	123028	19.70	ng/ul#	87
23) 2-Nitrophenol	9.39	139	29292	19.81	ng/ul#	76
24) 2,4-Dimethylphenol	9.46	107	62347	19.58	ng/ul	83
25) Bis(2-Chloroethoxy)methane	9.69	93	63151	19.56	ng/ul#	95
27) 2,4-Dichlorophenol	9.92	162	49052	19.72	ng/ul	94
28) Naphthalene	10.31	128	151406	19.61	ng/ul	97
30) 4-Chloroaniline	10.43	127	67847	21.07	ng/ul	94
31) Hexachlorobutadiene	10.60	225	33687	19.41	ng/ul	90
32) Caprolactam	11.17	113	24283m	19.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	63185	19.90	ng/ul#	82
34) 2-Methylnaphthalene	11.94	142	118779	19.44	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	115784	19.75	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	64693	19.71	ng/ul#	92
38) Hexachlorocyclopentadiene	12.29	237	28607	17.02	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.57	196	41741m	18.89	ng/ul	
40) 2,4,5-Trichlorophenol	12.65	196	45588	19.06	ng/ul	89
41) 1,1'-Biphenyl	12.98	154	165977	19.85	ng/ul#	98
42) 2-Chloronaphthalene	13.01	162	125087	19.80	ng/ul#	93
43) 2-Nitroaniline	13.23	65	42686	19.63	ng/ul#	68
45) Dimethylphthalate	13.62	163	176873	19.66	ng/ul	100
46) 2,6-Dinitrotoluene	13.74	165	41310	20.01	ng/ul#	73
48) Acenaphthylene	13.87	152	209663	20.14	ng/ul	98
49) 3-Nitroaniline	14.07	138	36482	20.07	ng/ul#	64
50) Acenaphthene	14.22	153	135087	19.92	ng/ul	96
51) 2,4-Dinitrophenol	14.29	184	21866	17.88	ng/ul#	77
53) 4-Nitrophenol	14.40	109	33406	19.77	ng/ul#	75
54) Dibenzofuran	14.56	168	202620	19.84	ng/ul#	86
55) 2,4-Dinitrotoluene	14.54	165	59942	20.00	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.79	232	45744	19.42	ng/ul#	93
57) Diethylphthalate	15.00	149	187071	20.08	ng/ul	97
59) Fluorene	15.21	166	175861	19.95	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.21	204	94080	19.77	ng/ul	93
61) 4-Nitroaniline	15.24	138	43033	21.06	ng/ul#	49
64) 4,6-Dinitro-2-methylphenol	15.30	198	40931	18.65	ng/ul#	86
65) N-Nitrosodiphenylamine	15.43	169	151903	19.71	ng/ul	97
66) 4-Bromophenyl-phenylether	16.11	248	63010	20.00	ng/ul	92
67) Hexachlorobenzene	16.22	284	74428	19.57	ng/ul	96
68) Atrazine	16.39	200	67835	20.01	ng/ul	90
69) Pentachlorophenol	16.57	266	37530	18.07	ng/ul	93
70) Phenanthrene	16.95	178	295064	19.53	ng/ul	99
72) Anthracene	17.04	178	295992	19.70	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	64962	19.37	ng/uL	97
74) Pentachlorobenzene	14.48	250	73216	19.48	ng/uL	98
75) Carbazole	17.32	167	259518	20.78	ng/ul	98
76) Di-n-butylphthalate	17.89	149	335950	20.22	ng/ul#	97
77) Fluoranthene	18.98	202	356234	21.47	ng/ul	97
80) Pyrene	19.35	202	368919	20.36	ng/ul	99
81) Butylbenzylphthalate	20.27	149	143280	19.46	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.04	252	125173	19.87	ng/ul#	96
83) Benzo(a)anthracene	21.10	228	321735	20.00	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	194101	19.54	ng/ul	99
85) Chrysene	21.15	228	295198	20.03	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	306520	20.95	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	333836	20.06	ng/ul#	97
89) Benzo(k)fluoranthene	22.68	252	304003	19.88	ng/ul#	97
91) Benzo(a)pyrene	23.19	252	298579	20.06	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.48	276	343419	19.94	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.49	278	291522	19.77	ng/ul#	95
94) Benzo(g,h,i)perylene	26.16	276	279249	19.85	ng/ul#	90

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

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