Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080715\
Data File : BG018310.D
Acq On : 7 Aug 2015 13:10
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02070

Manual Integrations APPROVED
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8/10/2015 9:29:36 AM

Quant Time: Aug 07 23:42:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 23:39:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	23354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	107021	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	78444	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	183978	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	163760	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	132786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.88	96	3161	11.68	ng/uL	0.00
5) Phenol-d5	6.62	99	41540	22.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	21907	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	33129	21.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	34052	21.96	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	17370	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	19975	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	36273	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	46242	21.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	126566	20.86	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	148650	21.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	15051	15.04	ng/ul	0.00
58) Fluorene-d10	15.11	176	109434	20.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	25680	20.16	ng/ul	0.00
71) Anthracene-d10	16.96	188	163680m	20.23	ng/ul	0.00
79) Pyrene-d10	19.27	212	164641	17.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	155469	22.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	3085	10.32	ng/uL#	82
4) Benzaldehyde	6.56	77	28088	29.93	ng/ul#	84
6) Phenol	6.65	94	40388	22.12	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.85	93	31282	23.42	ng/ul	93
10) 2-Chlorophenol	6.99	128	31800	21.56	ng/ul	92
11) 2-Methylphenol	7.89	108	32544	21.83	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.96	45	27163	26.52	ng/ul#	90
14) Acetophenone	8.24	105	53061	21.29	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.23	70	30498	23.15	ng/ul#	92
16) 4-Methylphenol	8.22	108	35381	21.19	ng/ul	100
17) Hexachloroethane	8.47	117	15880	22.74	ng/ul	89
20) Nitrobenzene	8.62	77	46352	24.86	ng/ul	94
21) Isophorone	9.13	82	85625	22.93	ng/ul	96
23) 2-Nitrophenol	9.33	139	20320	19.83	ng/ul	88
24) 2,4-Dimethylphenol	9.41	107	50455	23.40	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	41601	21.73	ng/ul#	96
27) 2,4-Dichlorophenol	9.87	162	34422	21.13	ng/ul#	84
28) Naphthalene	10.25	128	108710	21.61	ng/ul	97
30) 4-Chloroaniline	10.37	127	43793	20.70	ng/ul	93
31) Hexachlorobutadiene	10.53	225	30824	25.09	ng/ul	91
32) Caprolactam	11.12	113	15511m	20.45	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	40903	19.77	ng/ul	97
34) 2-Methylnaphthalene	11.88	142	91901	22.76	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	88818	22.77 ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	51867	22.62 ng/ul	98
38) Hexachlorocyclopentadiene	12.24	237	15328	14.84 ng/ul#	88
39) 2,4,6-Trichlorophenol	12.52	196	31121	20.68 ng/ul	95
40) 2,4,5-Trichlorophenol	12.61	196	34313	21.29 ng/ul	97
41) 1,1'-Biphenyl	12.92	154	119414	22.10 ng/ul#	97
42) 2-Chloronaphthalene	12.96	162	94863	22.37 ng/ul	94
43) 2-Nitroaniline	13.19	65	30912	21.72 ng/ul#	86
45) Dimethylphthalate	13.57	163	130618	21.58 ng/ul	98
46) 2,6-Dinitrotoluene	13.70	165	26097	18.73 ng/ul#	84
48) Acenaphthylene	13.82	152	151845	21.44 ng/ul	97
49) 3-Nitroaniline	14.03	138	26303	21.60 ng/ul#	97
50) Acenaphthene	14.17	153	97838	21.34 ng/ul	96
51) 2,4-Dinitrophenol	14.26	184	10140	13.66 ng/ul#	51
53) 4-Nitrophenol	14.38	109	21767	19.37 ng/ul#	75
54) Dibenzofuran	14.51	168	145782	21.60 ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	41595	20.55 ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.76	232	27914	18.92 ng/ul	90
57) Diethylphthalate	14.95	149	143419	22.34 ng/ul	99
59) Fluorene	15.16	166	130740	22.06 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.16	204	70904	22.16 ng/ul	97
61) 4-Nitroaniline	15.20	138	25124	18.91 ng/ul#	72
64) 4,6-Dinitro-2-methylphenol	15.27	198	26996	21.17 ng/ul	98
65) N-Nitrosodiphenylamine	15.38	169	105915	21.89 ng/ul	93
66) 4-Bromophenyl-phenylether	16.06	248	47690	22.85 ng/ul	96
67) Hexachlorobenzene	16.17	284	56730	23.23 ng/ul	92
68) Atrazine	16.35	200	45435	20.65 ng/ul	92
69) Pentachlorophenol	16.54	266	14711	15.68 ng/ul#	83
70) Phenanthrene	16.91	178	182643	19.67 ng/ul	97
72) Anthracene	16.99	178	194274	20.97 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	52138	23.80 ng/uL	92
74) Pentachlorobenzene	14.43	250	56094	22.90 ng/uL	96
75) Carbazole	17.28	167	170092	21.76 ng/ul	97
76) Di-n-butylphthalate	17.85	149	215929	19.69 ng/ul	99
77) Fluoranthene	18.94	202	215991	20.97 ng/ul#	96
80) Pyrene	19.31	202	213075	18.71 ng/ul	99
81) Butylbenzylphthalate	20.23	149	91731	20.77 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.00	252	80336	22.66 ng/ul#	96
83) Benzo(a)anthracene	21.07	228	193650	22.40 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.01	149	123291	23.20 ng/ul	94
85) Chrysene	21.11	228	173572	22.35 ng/ul	98
87) Di-n-octyl phthalate	21.86	149	174562	19.95 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	180944	22.22 ng/ul	98
89) Benzo(k)fluoranthene	22.63	252	174300	22.32 ng/ul	93
91) Benzo(a)pyrene	23.15	252	161717	22.74 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.41	276	183004	20.80 ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	160289	20.77 ng/ul#	98
94) Benzo(g,h,i)perylene	26.08	276	159162m	22.30 ng/ul	

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

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