Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018219.D
Acq On : 1 Aug 2015 14:33
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02054

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:24:52 PM

Quant Time: Aug 03 05:48:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	49112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	220165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	142050	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	299569	20.00	ng/ul	0.01
78) Chrysene-d12	21.12	240	210181	20.00	ng/ul	0.01
86) Perylene-d12	23.30	264	197340	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	3648	5.61	ng/uL	0.00
5) Phenol-d5	6.68	99	79471	18.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	37293	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	61748	18.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	63154	17.56	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	34102	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	34073	17.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	72117	20.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	86276	19.68	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	204962	18.67	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	249821	19.63	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	31446	15.48	ng/ul	0.02
58) Fluorene-d10	15.16	176	185695	18.69	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	9701	4.64	ng/ul	0.01
71) Anthracene-d10	17.02	188	257060	19.73	ng/ul	0.01
79) Pyrene-d10	19.33	212	239274	23.53	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.16	264	198085	19.85	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	4328	5.77	ng/uL#	78
4) Benzaldehyde	6.63	77	42338	17.73	ng/ul	84
6) Phenol	6.71	94	80652	17.99	ng/ul#	91
8) Bis(2-Chloroethyl)ether	6.92	93	55864	17.20	ng/ul	96
10) 2-Chlorophenol	7.05	128	64095	19.85	ng/ul#	85
11) 2-Methylphenol	7.95	108	62451	17.65	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	46666	16.34	ng/ul#	93
14) Acetophenone	8.30	105	95728	17.11	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.29	70	49722	15.66	ng/ul#	92
16) 4-Methylphenol	8.28	108	68206	17.41	ng/ul	93
17) Hexachloroethane	8.55	117	27869	18.59	ng/ul	96
20) Nitrobenzene	8.68	77	77968	18.81	ng/ul#	81
21) Isophorone	9.20	82	143049	16.68	ng/ul#	90
23) 2-Nitrophenol	9.39	139	35712	17.59	ng/ul#	71
24) 2,4-Dimethylphenol	9.47	107	82963	18.97	ng/ul	86
25) Bis(2-Chloroethoxy)methane	9.70	93	76766	17.31	ng/ul#	95
27) 2,4-Dichlorophenol	9.93	162	68700	20.11	ng/ul	97
28) Naphthalene	10.31	128	209000	19.72	ng/ul	99
30) 4-Chloroaniline	10.44	127	86439	19.55	ng/ul	100
31) Hexachlorobutadiene	10.60	225	51580	21.64	ng/ul	99
32) Caprolactam	11.20	113	25275	15.13	ng/ul#	85
33) 4-Chloro-3-methylphenol	11.59	107	77427	17.76	ng/ul#	89
34) 2-Methylnaphthalene	11.95	142	159720	19.04	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	154863	19.24	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	89369	22.42	ng/ul#	96
38) Hexachlorocyclopentadiene	12.30	237	11194	5.49	ng/ul	92
39) 2,4,6-Trichlorophenol	12.58	196	58159	21.68	ng/ul	91
40) 2,4,5-Trichlorophenol	12.66	196	59511m	20.49	ng/ul	
41) 1,1'-Biphenyl	12.98	154	207874	20.47	ng/ul#	95
42) 2-Chloronaphthalene	13.02	162	160827	20.97	ng/ul	92
43) 2-Nitroaniline	13.24	65	47143	17.86	ng/ul#	64
45) Dimethylphthalate	13.62	163	201853	18.48	ng/ul	99
46) 2,6-Dinitrotoluene	13.75	165	44319	17.69	ng/ul#	84
48) Acenaphthylene	13.88	152	252608	19.98	ng/ul	98
49) 3-Nitroaniline	14.08	138	45450	20.59	ng/ul#	80
50) Acenaphthene	14.23	153	162209	19.70	ng/ul	95
51) 2,4-Dinitrophenol	14.30	184	2696	1.82	ng/ul#	76
53) 4-Nitrophenol	14.41	109	31783	15.49	ng/ul#	74
54) Dibenzofuran	14.56	168	243315	19.62	ng/ul#	87
55) 2,4-Dinitrotoluene	14.54	165	62728	17.24	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.80	232	53953	18.87	ng/ul#	88
57) Diethylphthalate	15.00	149	199319	17.62	ng/ul	98
59) Fluorene	15.21	166	201160	18.80	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.21	204	111425	19.29	ng/ul	92
61) 4-Nitroaniline	15.25	138	48367	19.50	ng/ul#	36
64) 4,6-Dinitro-2-methylphenol	15.31	198	9482	4.29	ng/ul#	86
65) N-Nitrosodiphenylamine	15.44	169	167999	21.64	ng/ul	95
66) 4-Bromophenyl-phenylether	16.11	248	70313	22.15	ng/ul#	91
67) Hexachlorobenzene	16.22	284	86141	22.48	ng/ul	98
68) Atrazine	16.39	200	70234	20.57	ng/ul	100
69) Pentachlorophenol	16.58	266	37183	17.77	ng/ul	97
70) Phenanthrene	16.96	178	298301	19.60	ng/ul	98
72) Anthracene	17.05	178	298022	19.68	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	90219	26.70	ng/uL	98
74) Pentachlorobenzene	14.49	250	93906	24.80	ng/uL	97
75) Carbazole	17.33	167	252230	20.05	ng/ul	98
76) Di-n-butylphthalate	17.90	149	310243	18.54	ng/ul#	97
77) Fluoranthene	18.99	202	313592	18.76	ng/ul#	95
80) Pyrene	19.36	202	302293	23.71	ng/ul#	94
81) Butylbenzylphthalate	20.27	149	103373	19.96	ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.05	252	89398	20.17	ng/ul#	95
83) Benzo(a)anthracene	21.11	228	225864	19.95	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	130741	18.71	ng/ul	96
85) Chrysene	21.16	228	207287	19.99	ng/ul	98
87) Di-n-octyl phthalate	21.91	149	193971	18.61	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	214963	18.13	ng/ul#	96
89) Benzo(k)fluoranthene	22.69	252	219528	20.15	ng/ul#	94
91) Benzo(a)pyrene	23.21	252	201811	19.03	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.51	276	205065	16.71	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.52	278	178090	16.95	ng/ul#	87
94) Benzo(g,h,i)perylene	26.18	276	132872	13.26	ng/ul#	87

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

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