Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018181.D
Acq On : 31 Jul 2015 14:26
Operator : TP/UM
Sample : SSTD01047
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01047

Quant Time: Jul 31 16:05:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 15:50:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	36710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	179877	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	137682	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	353194	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	362686	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	325121	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2013	10.01	ng/uL	0.00
5) Phenol-d5	6.67	99	32988	10.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	17410	10.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	25821	10.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	26535	9.93	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	14627	10.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	16148	9.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	29447	10.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	36961	9.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	109291	10.05	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	122637	9.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	19882	10.10	ng/ul	0.00
58) Fluorene-d10	15.15	176	99697	10.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	22853	9.08	ng/ul	0.00
71) Anthracene-d10	17.01	188	160719	9.70	ng/ul	0.00
79) Pyrene-d10	19.31	212	179420	10.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	166504	10.09	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	2421	10.40	ng/uL#	79
4) Benzaldehyde	6.62	77	19801	10.20	ng/ul#	64
6) Phenol	6.70	94	34279	10.30	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.92	93	24585	10.00	ng/ul	91
10) 2-Chlorophenol	7.05	128	25013	10.46	ng/ul#	80
11) 2-Methylphenol	7.94	108	27063	10.27	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	22780	10.26	ng/ul	95
14) Acetophenone	8.30	105	44500	10.32	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.29	70	25430	10.43	ng/ul#	85
16) 4-Methylphenol	8.27	108	29631	10.04	ng/ul	94
17) Hexachloroethane	8.54	117	11456	10.12	ng/ul	97
20) Nitrobenzene	8.67	77	34322	10.06	ng/ul#	78
21) Isophorone	9.20	82	72738	10.14	ng/ul#	87
23) 2-Nitrophenol	9.39	139	16563	9.96	ng/ul#	76
24) 2,4-Dimethylphenol	9.46	107	36657	10.22	ng/ul	84
25) Bis(2-Chloroethoxy)methane	9.69	93	37465	10.18	ng/ul#	96
27) 2,4-Dichlorophenol	9.92	162	27941	10.09	ng/ul#	95
28) Naphthalene	10.31	128	88890	10.01	ng/ul	98
30) 4-Chloroaniline	10.43	127	37880	10.02	ng/ul	97
31) Hexachlorobutadiene	10.60	225	19952	10.01	ng/ul	98
32) Caprolactam	11.18	113	15381	10.42	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.58	107	36743	10.27	ng/ul#	79
34) 2-Methylnaphthalene	11.94	142	70589	10.04	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	68041	10.12	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	37867	9.79	ng/ul#	95
38) Hexachlorocyclopentadiene	12.30	237	12402	8.89	ng/ul#	94
39) 2,4,6-Trichlorophenol	12.58	196	26239	10.36	ng/ul	92
40) 2,4,5-Trichlorophenol	12.65	196	27270	9.86	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	98835	9.88	ng/ul#	97
42) 2-Chloronaphthalene	13.02	162	72823	9.78	ng/ul#	92
43) 2-Nitroaniline	13.23	65	25413	9.86	ng/ul#	74
45) Dimethylphthalate	13.62	163	111169	10.21	ng/ul	98
46) 2,6-Dinitrotoluene	13.74	165	25244	10.36	ng/ul#	81
48) Acenaphthylene	13.87	152	125836	10.06	ng/ul	99
49) 3-Nitroaniline	14.07	138	20592	9.84	ng/ul#	65
50) Acenaphthene	14.22	153	81244	10.07	ng/ul	97
51) 2,4-Dinitrophenol	14.29	184	11810	9.81	ng/ul#	73
53) 4-Nitrophenol	14.40	109	20833	10.44	ng/ul#	76
54) Dibenzofuran	14.56	168	123304	10.04	ng/ul#	87
55) 2,4-Dinitrotoluene	14.54	165	36268	10.23	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.79	232	26830	9.87	ng/ul#	93
57) Diethylphthalate	15.00	149	114378	10.12	ng/ul	99
59) Fluorene	15.21	166	106723	10.05	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	56335	9.99	ng/ul	93
61) 4-Nitroaniline	15.24	138	25096	10.02	ng/ul#	52
64) 4,6-Dinitro-2-methylphenol	15.31	198	26325	9.53	ng/ul	97
65) N-Nitrosodiphenylamine	15.43	169	93735	9.65	ng/ul	97
66) 4-Bromophenyl-phenylether	16.11	248	37816	9.75	ng/ul	93
67) Hexachlorobenzene	16.22	284	45923	9.83	ng/ul	100
68) Atrazine	16.39	200	41919	9.42	ng/ul	93
69) Pentachlorophenol	16.57	266	20911	9.02	ng/ul	99
70) Phenanthrene	16.95	178	187838	9.60	ng/ul	99
72) Anthracene	17.04	178	189423	9.70	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	38403	9.37	ng/uL	94
74) Pentachlorobenzene	14.48	250	43241	9.31	ng/uL	95
75) Carbazole	17.32	167	162812	9.41	ng/ul	98
76) Di-n-butylphthalate	17.89	149	211916	9.74	ng/ul#	97
77) Fluoranthene	18.98	202	227604	9.63	ng/ul	98
80) Pyrene	19.34	202	230587	10.14	ng/ul	97
81) Butylbenzylphthalate	20.27	149	90754	10.15	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.04	252	69582	9.51	ng/ul	99
83) Benzo(a)anthracene	21.10	228	202218	10.10	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	122939	10.20	ng/ul	96
85) Chrysene	21.15	228	181217	9.89	ng/ul	98
87) Di-n-octyl phthalate	21.91	149	192713	10.42	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	197214	10.10	ng/ul#	96
89) Benzo(k)fluoranthene	22.68	252	189978	10.33	ng/ul#	96
91) Benzo(a)pyrene	23.19	252	179097	10.19	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.48	276	205335	10.31	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.50	278	173793	10.24	ng/ul#	93
94) Benzo(g,h,i)perylene	26.16	276	167905	10.25	ng/ul#	93

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

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