Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080315\
Data File : BG018253.D
Acq On : 3 Aug 2015 21:30
Operator : UM/TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02058

Quant Time: Aug 04 02:57:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	36954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	174117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	117790	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	282294	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	194863	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	166859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	3838	7.84	ng/uL	0.00
5) Phenol-d5	6.66	99	61497	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	30900	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	51167	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	50077	18.51	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	25990	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	32149	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	55089	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	72667	20.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	174133	19.13	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	205900	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	29136	17.29	ng/ul	0.00
58) Fluorene-d10	15.14	176	161493	19.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	31613	16.04	ng/ul	0.00
71) Anthracene-d10	16.99	188	249589	20.33	ng/ul	0.00
79) Pyrene-d10	19.31	212	220642	23.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	165006	19.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.97	88	4351	7.71	ng/uL#	87
4) Benzaldehyde	6.60	77	32880	18.30	ng/ul#	73
6) Phenol	6.68	94	61138	18.12	ng/ul#	73
8) Bis(2-Chloroethyl)ether	6.89	93	42500	17.39	ng/ul	96
10) 2-Chlorophenol	7.03	128	48248	19.86	ng/ul#	81
11) 2-Methylphenol	7.92	108	48157	18.08	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.00	45	35264	16.41	ng/ul#	90
14) Acetophenone	8.28	105	80192	19.04	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.27	70	41561	17.39	ng/ul#	89
16) 4-Methylphenol	8.25	108	53227	18.06	ng/ul	98
17) Hexachloroethane	8.52	117	22887	20.29	ng/ul	92
20) Nitrobenzene	8.65	77	59262	18.08	ng/ul#	86
21) Isophorone	9.18	82	116216	17.13	ng/ul#	89
23) 2-Nitrophenol	9.36	139	32605	20.30	ng/ul#	64
24) 2,4-Dimethylphenol	9.45	107	67202	19.43	ng/ul	85
25) Bis(2-Chloroethoxy)methane	9.67	93	60944	17.38	ng/ul#	94
27) 2,4-Dichlorophenol	9.91	162	53799	19.91	ng/ul#	94
28) Naphthalene	10.29	128	163543	19.51	ng/ul	97
30) 4-Chloroaniline	10.41	127	70131	20.06	ng/ul	97
31) Hexachlorobutadiene	10.57	225	40219	21.34	ng/ul	96
32) Caprolactam	11.16	113	23081	17.47	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.57	107	65579	19.02	ng/ul#	83
34) 2-Methylnaphthalene	11.92	142	129328	19.49	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	124458	19.55 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	68304	20.67 ng/ul#	93
38) Hexachlorocyclopentadiene	12.27	237	19708	11.65 ng/ul#	94
39) 2,4,6-Trichlorophenol	12.56	196	47761	21.47 ng/ul	98
40) 2,4,5-Trichlorophenol	12.64	196	52863	21.95 ng/ul	92
41) 1,1'-Biphenyl	12.96	154	165877	19.70 ng/ul	99
42) 2-Chloronaphthalene	13.00	162	130310	20.49 ng/ul#	93
43) 2-Nitroaniline	13.22	65	42547	19.44 ng/ul#	72
45) Dimethylphthalate	13.60	163	169138	18.68 ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	38653	18.60 ng/ul#	84
48) Acenaphthylene	13.85	152	211958	20.22 ng/ul	97
49) 3-Nitroaniline	14.06	138	39556	21.61 ng/ul#	70
50) Acenaphthene	14.20	153	138705	20.32 ng/ul	98
51) 2,4-Dinitrophenol	14.28	184	16944	13.76 ng/ul#	81
53) 4-Nitrophenol	14.41	109	33721	19.83 ng/ul#	65
54) Dibenzofuran	14.54	168	200587	19.51 ng/ul#	79
55) 2,4-Dinitrotoluene	14.53	165	58606	19.42 ng/ul#	63
56) 2,3,4,6-Tetrachlorophenol	14.78	232	47440	20.01 ng/ul#	87
57) Diethylphthalate	14.98	149	182261	19.43 ng/ul	98
59) Fluorene	15.19	166	173769	19.58 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.19	204	92418	19.29 ng/ul#	87
61) 4-Nitroaniline	15.23	138	45288	22.02 ng/ul#	25
64) 4,6-Dinitro-2-methylphenol	15.30	198	32230	15.47 ng/ul#	83
65) N-Nitrosodiphenylamine	15.41	169	153149	20.93 ng/ul	95
66) 4-Bromophenyl-phenylether	16.09	248	62611	20.93 ng/ul#	91
67) Hexachlorobenzene	16.20	284	79758	22.09 ng/ul	94
68) Atrazine	16.37	200	67105	20.85 ng/ul	92
69) Pentachlorophenol	16.56	266	34147	17.32 ng/ul	94
70) Phenanthrene	16.94	178	282925	19.73 ng/ul	99
72) Anthracene	17.03	178	287515	20.15 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	69467	21.81 ng/uL	98
74) Pentachlorobenzene	14.46	250	77498	21.72 ng/uL	99
75) Carbazole	17.31	167	245231	20.68 ng/ul	97
76) Di-n-butylphthalate	17.88	149	316983	20.10 ng/ul#	97
77) Fluoranthene	18.97	202	287446	18.25 ng/ul#	94
80) Pyrene	19.33	202	277273	23.46 ng/ul#	92
81) Butylbenzylphthalate	20.25	149	107580	22.41 ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.03	252	80073	19.49 ng/ul#	93
83) Benzo(a)anthracene	21.09	228	207511	19.77 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	131924	20.37 ng/ul	94
85) Chrysene	21.14	228	182965	19.03 ng/ul	98
87) Di-n-octyl phthalate	21.88	149	170145	19.31 ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	184540	18.41 ng/ul#	96
89) Benzo(k)fluoranthene	22.67	252	175655	19.07 ng/ul#	96
91) Benzo(a)pyrene	23.18	252	170763	19.04 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.46	276	221036	21.31 ng/ul#	89
93) Dibenzo(a,h)anthracene	25.47	278	192727	21.69 ng/ul#	90
94) Benzo(g,h,i)perylene	26.13	276	180885	21.35 ng/ul#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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