Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018905.D
Acq On : 26 Sep 2015 9:52
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02011

Quant Time: Sep 28 00:43:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 26 04:18:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	39825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	169542	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	113850	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	313122	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	397799	20.00	ng/ul	0.00
86) Perylene-d12	24.77	264	412045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5743	6.93	ng/uL	0.00
5) Phenol-d5	7.15	99	59671	18.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	34044	17.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	48699	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.69	113	49258	18.56	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	25006	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	26429	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	53133	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	69142	21.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	180841	19.74	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	215655	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	35481	20.18	ng/ul	0.00
58) Fluorene-d10	15.60	176	161119	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	31445	21.22	ng/ul	0.00
71) Anthracene-d10	17.45	188	275346	19.97	ng/ul	0.00
79) Pyrene-d10	19.73	212	345576	18.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	398166	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	7190	8.03	ng/uL#	62
4) Benzaldehyde	7.12	77	37250	19.69	ng/ul	94
6) Phenol	7.18	94	62966	18.61	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.40	93	46745	18.50	ng/ul	93
10) 2-Chlorophenol	7.55	128	48547	18.94	ng/ul	93
11) 2-Methylphenol	8.43	108	48970	18.83	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.52	45	50270	16.76	ng/ul#	89
14) Acetophenone	8.81	105	76601	18.95	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.79	70	35544	17.05	ng/ul#	81
16) 4-Methylphenol	8.76	108	54192	18.95	ng/ul	95
17) Hexachloroethane	9.07	117	19553	19.13	ng/ul#	75
20) Nitrobenzene	9.19	77	51238	17.20	ng/ul#	83
21) Isophorone	9.71	82	108045	17.80	ng/ul	95
23) 2-Nitrophenol	9.90	139	30363	20.86	ng/ul#	74
24) 2,4-Dimethylphenol	9.96	107	57841	19.17	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.19	93	67205	18.79	ng/ul#	89
27) 2,4-Dichlorophenol	10.44	162	53402	19.62	ng/ul	95
28) Naphthalene	10.84	128	162789	18.87	ng/ul	96
30) 4-Chloroaniline	10.94	127	72133	22.04	ng/ul	100
31) Hexachlorobutadiene	11.13	225	33881	20.17	ng/ul	94
32) Caprolactam	11.70	113	20553	18.44	ng/ul	90
33) 4-Chloro-3-methylphenol	12.08	107	56024	19.31	ng/ul	97
34) 2-Methylnaphthalene	12.44	142	120583	18.92	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	115489	18.91	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	68039	19.28	ng/ul	92
38) Hexachlorocyclopentadiene	12.79	237	29726	15.15	ng/ul	91
39) 2,4,6-Trichlorophenol	13.05	196	46755	20.40	ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	51654	20.93	ng/ul	94
41) 1,1'-Biphenyl	13.45	154	165743	19.24	ng/ul	93
42) 2-Chloronaphthalene	13.49	162	130180	19.82	ng/ul	94
43) 2-Nitroaniline	13.69	65	33828	17.37	ng/ul#	64
45) Dimethylphthalate	14.06	163	179287	20.19	ng/ul	99
46) 2,6-Dinitrotoluene	14.19	165	38286	21.43	ng/ul#	80
48) Acenaphthylene	14.33	152	225801	19.55	ng/ul	98
49) 3-Nitroaniline	14.52	138	41407	21.84	ng/ul	87
50) Acenaphthene	14.67	153	147617	18.97	ng/ul	99
51) 2,4-Dinitrophenol	14.72	184	15253	18.99	ng/ul#	78
53) 4-Nitrophenol	14.83	109	23000	19.08	ng/ul	87
54) Dibenzofuran	15.01	168	218318	20.00	ng/ul	96
55) 2,4-Dinitrotoluene	14.97	165	58996	22.19	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.24	232	46409	19.47	ng/ul	90
57) Diethylphthalate	15.42	149	183768	19.91	ng/ul	98
59) Fluorene	15.66	166	183856	19.93	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.65	204	91360	20.78	ng/ul#	87
61) 4-Nitroaniline	15.67	138	50508	23.17	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.74	198	31470	20.69	ng/ul#	83
65) N-Nitrosodiphenylamine	15.86	169	159080	19.40	ng/ul	94
66) 4-Bromophenyl-phenylether	16.54	248	60297	19.65	ng/ul#	90
67) Hexachlorobenzene	16.66	284	70101	20.61	ng/ul	93
68) Atrazine	16.81	200	76276	21.12	ng/ul	94
69) Pentachlorophenol	17.01	266	35152	17.73	ng/ul	91
70) Phenanthrene	17.39	178	306196	19.24	ng/ul	98
72) Anthracene	17.49	178	314792	19.72	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	69470	18.65	ng/uL	97
74) Pentachlorobenzene	14.93	250	72619	19.96	ng/uL	95
75) Carbazole	17.75	167	312140	22.02	ng/ul	96
76) Di-n-butylphthalate	18.31	149	382954	21.38	ng/ul	99
77) Fluoranthene	19.40	202	417626	23.67	ng/ul	95
80) Pyrene	19.76	202	433233	18.52	ng/ul	96
81) Butylbenzylphthalate	20.64	149	177544	19.78	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.50	252	168316	23.86	ng/ul	95
83) Benzo(a)anthracene	21.58	228	434118	19.68	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	258920	19.46	ng/ul#	98
85) Chrysene	21.65	228	402371	19.78	ng/ul	96
87) Di-n-octyl phthalate	22.68	149	452935	20.77	ng/ul	100
88) Benzo(b)fluoranthene	23.77	252	465568	19.98	ng/ul	98
89) Benzo(k)fluoranthene	23.83	252	428680	19.21	ng/ul	97
91) Benzo(a)pyrene	24.63	252	435888	19.68	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.38	276	511307	19.91	ng/ul	99
93) Dibenzo(a,h)anthracene	28.43	278	421127	20.43	ng/ul	96
94) Benzo(g,h,i)perylene	29.51	276	421184	19.65	ng/ul	98

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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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