Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020378.D
Acq On : 21 Dec 2015 14:10
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02014

Quant Time: Dec 22 00:26:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	145139	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	96977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	225209	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	272659	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	240682	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	4755	7.66	ng/uL	0.00
5) Phenol-d5	7.26	99	60240	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	36814	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	48168	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	51335	19.85	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	24415	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28571	22.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	56465	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	65401	22.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	157037	20.02	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	193827	21.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	26098	18.55	ng/ul	0.00
58) Fluorene-d10	15.72	176	145514	20.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25812	19.33	ng/ul	0.00
71) Anthracene-d10	17.57	188	222316	21.42	ng/ul	0.00
79) Pyrene-d10	19.85	212	251163	19.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	275031	22.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	5862	6.39	ng/uL#	91
4) Benzaldehyde	7.23	77	40386	20.63	ng/ul	96
6) Phenol	7.29	94	65944	20.37	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.51	93	45198	20.35	ng/ul	98
10) 2-Chlorophenol	7.66	128	49368	21.44	ng/ul	97
11) 2-Methylphenol	8.54	108	49189	19.91	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.62	45	59178	18.49	ng/ul	98
14) Acetophenone	8.92	105	80109	19.79	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	40753	19.01	ng/ul	99
16) 4-Methylphenol	8.87	108	54213	19.83	ng/ul	96
17) Hexachloroethane	9.18	117	18970	19.60	ng/ul	97
20) Nitrobenzene	9.31	77	60807	20.28	ng/ul	98
21) Isophorone	9.83	82	110211	19.26	ng/ul	99
23) 2-Nitrophenol	10.02	139	30479	22.58	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	63966	20.87	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.31	93	63907	20.61	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	56371	21.52	ng/ul	96
28) Naphthalene	10.96	128	161693	21.33	ng/ul	98
30) 4-Chloroaniline	11.07	127	65699	22.47	ng/ul	100
31) Hexachlorobutadiene	11.24	225	42633	21.83	ng/ul	95
32) Caprolactam	11.84	113	16517	17.87	ng/ul	93
33) 4-Chloro-3-methylphenol	12.20	107	58903	18.92	ng/ul	92
34) 2-Methylnaphthalene	12.56	142	120530	20.82	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	113073	20.32	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	82985	22.80	ng/ul	98
38) Hexachlorocyclopentadiene	12.90	237	23562	10.47	ng/ul	90
39) 2,4,6-Trichlorophenol	13.17	196	52254	22.38	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	55393	21.34	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	163977	22.41	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	129301	22.07	ng/ul	98
43) 2-Nitroaniline	13.81	65	38740	19.45	ng/ul	90
45) Dimethylphthalate	14.18	163	161889	20.21	ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	34302	20.70	ng/ul	98
48) Acenaphthylene	14.45	152	206449	21.29	ng/ul	99
49) 3-Nitroaniline	14.64	138	35708	22.20	ng/ul	91
50) Acenaphthene	14.79	153	138896	21.29	ng/ul	99
51) 2,4-Dinitrophenol	14.84	184	15596	16.54	ng/ul#	86
53) 4-Nitrophenol	14.95	109	23455	17.33	ng/ul	94
54) Dibenzofuran	15.12	168	204199	21.04	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	49387	20.30	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.35	232	49134	19.69	ng/ul#	99
57) Diethylphthalate	15.53	149	161022	19.37	ng/ul	97
59) Fluorene	15.78	166	161698	20.75	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	91225	20.76	ng/ul	96
61) 4-Nitroaniline	15.80	138	36419	20.94	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	26769	18.68	ng/ul#	98
65) N-Nitrosodiphenylamine	15.97	169	142003	22.68	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	61685	23.34	ng/ul	97
67) Hexachlorobenzene	16.77	284	64022	22.55	ng/ul	90
68) Atrazine	16.92	200	55301	20.71	ng/ul	99
69) Pentachlorophenol	17.12	266	28479	16.64	ng/ul	95
70) Phenanthrene	17.51	178	267097	21.68	ng/ul	99
72) Anthracene	17.61	178	269142	21.54	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	88740	25.16	ng/uL	94
74) Pentachlorobenzene	15.05	250	79072	24.16	ng/uL	99
75) Carbazole	17.87	167	233236	22.22	ng/ul	99
76) Di-n-butylphthalate	18.42	149	253504	20.78	ng/ul	100
77) Fluoranthene	19.52	202	320427	22.26	ng/ul	99
80) Pyrene	19.88	202	321596	19.49	ng/ul	100
81) Butylbenzylphthalate	20.75	149	115383	20.12	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.64	252	116158	23.32	ng/ul	95
83) Benzo(a)anthracene	21.73	228	337478	21.21	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	153006	18.66	ng/ul	97
85) Chrysene	21.80	228	314600	21.00	ng/ul	98
87) Di-n-octyl phthalate	22.84	149	275980	20.87	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	303938	20.98	ng/ul	98
89) Benzo(k)fluoranthene	24.05	252	319303	22.97	ng/ul	99
91) Benzo(a)pyrene	24.87	252	297583	21.67	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.77	276	324176	19.82	ng/ul	97
93) Dibenzo(a,h)anthracene	28.83	278	291282	21.46	ng/ul	99
94) Benzo(g,h,i)perylene	29.95	276	224778	16.77	ng/ul	97

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

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