Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020391.D
Acq On : 22 Dec 2015 00:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02016

Quant Time: Dec 22 05:02:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:00:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	166602	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	113853	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	278002	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	349515	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	289453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5475	7.82	ng/uL	0.00
5) Phenol-d5	7.25	99	71430	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	41818	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	56149	22.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	58939	20.21	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	28452	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	32986	22.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	63670	21.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	75113	22.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	183092	19.88	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	224039	20.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	31380	19.00	ng/ul	0.00
58) Fluorene-d10	15.72	176	170832	20.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	30260	18.36	ng/ul	0.00
71) Anthracene-d10	17.57	188	274254	21.41	ng/ul	0.00
79) Pyrene-d10	19.85	212	324760	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	341712	23.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	6851	6.62	ng/uL#	88
4) Benzaldehyde	7.23	77	46950	21.27	ng/ul	97
6) Phenol	7.28	94	75786	20.76	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	52127	20.81	ng/ul	94
10) 2-Chlorophenol	7.66	128	56724	21.84	ng/ul	98
11) 2-Methylphenol	8.54	108	56881	20.42	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.63	45	71666	19.86	ng/ul	97
14) Acetophenone	8.92	105	90670	19.86	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.90	70	47157	19.51	ng/ul	98
16) 4-Methylphenol	8.87	108	61983	20.10	ng/ul	95
17) Hexachloroethane	9.18	117	22826	20.91	ng/ul	98
20) Nitrobenzene	9.31	77	70924	20.61	ng/ul	97
21) Isophorone	9.82	82	125077	19.04	ng/ul	99
23) 2-Nitrophenol	10.02	139	34679	22.38	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	72477	20.60	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	74696	20.99	ng/ul	95
27) 2,4-Dichlorophenol	10.56	162	64020	21.29	ng/ul	96
28) Naphthalene	10.96	128	187374	21.54	ng/ul	98
30) 4-Chloroaniline	11.07	127	75761	22.57	ng/ul	99
31) Hexachlorobutadiene	11.24	225	47518	21.20	ng/ul	97
32) Caprolactam	11.83	113	19170m	18.07	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	69183	19.36	ng/ul	93
34) 2-Methylnaphthalene	12.56	142	138994	20.92	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	130717	20.46	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	94984	22.23	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	29654	11.23	ng/ul	99
39) 2,4,6-Trichlorophenol	13.16	196	57235	20.88	ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	60939	20.00	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	187373	21.81	ng/ul	95
42) 2-Chloronaphthalene	13.60	162	148753	21.63	ng/ul	99
43) 2-Nitroaniline	13.81	65	46109	19.72	ng/ul	97
45) Dimethylphthalate	14.17	163	187223	19.91	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	40749	20.94	ng/ul	96
48) Acenaphthylene	14.45	152	239163	21.01	ng/ul	98
49) 3-Nitroaniline	14.63	138	40476	21.43	ng/ul	96
50) Acenaphthene	14.79	153	160153	20.91	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	17724	16.01	ng/ul	94
53) 4-Nitrophenol	14.95	109	27574	17.36	ng/ul	88
54) Dibenzofuran	15.12	168	236570	20.76	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	57847	20.26	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	55830	19.06	ng/ul	98
57) Diethylphthalate	15.53	149	189597	19.42	ng/ul	98
59) Fluorene	15.77	166	189612	20.72	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	106491	20.64	ng/ul	97
61) 4-Nitroaniline	15.79	138	43976	21.54	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.85	198	32777	18.53	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	168139	21.75	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	70640	21.65	ng/ul	98
67) Hexachlorobenzene	16.77	284	74817	21.35	ng/ul	93
68) Atrazine	16.92	200	68676	20.83	ng/ul	99
69) Pentachlorophenol	17.12	266	31425	14.87	ng/ul	96
70) Phenanthrene	17.52	178	320255	21.06	ng/ul	99
72) Anthracene	17.60	178	325029	21.07	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	100975	23.19	ng/uL	98
74) Pentachlorobenzene	15.04	250	91848	22.74	ng/uL	99
75) Carbazole	17.87	167	287388	22.18	ng/ul	98
76) Di-n-butylphthalate	18.41	149	322942	21.45	ng/ul	100
77) Fluoranthene	19.52	202	412240	23.20	ng/ul	100
80) Pyrene	19.88	202	414137	19.58	ng/ul	99
81) Butylbenzylphthalate	20.75	149	150017	20.41	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.64	252	143666	22.50	ng/ul	96
83) Benzo(a)anthracene	21.73	228	433736	21.27	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	196117	18.66	ng/ul	100
85) Chrysene	21.79	228	410205	21.36	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	351286	22.09	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	375975	21.58	ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	411851	24.64	ng/ul	99
91) Benzo(a)pyrene	24.87	252	376598	22.80	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.75	276	341457	17.36	ng/ul	96
93) Dibenzo(a,h)anthracene	28.83	278	264281	16.19	ng/ul	96
94) Benzo(g,h,i)perylene	29.92	276	244457	15.16	ng/ul	98

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

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