Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121815\
Data File : BG020248.D
Acq On : 17 Dec 2015 15:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Manual Integrations APPROVED
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Quant Time: Dec 18 02:23:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	71170	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	50547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	128244	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	166957	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	163369	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2477	7.86	ng/uL	0.00
5) Phenol-d5	7.25	99	30357	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	19149	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	23214	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	25186	19.20	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	11719	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	14244	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	27141	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	32013	22.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	89173	21.81	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	103738	21.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	16664	22.73	ng/ul	0.00
58) Fluorene-d10	15.72	176	77846	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	11920	15.68	ng/ul	0.00
71) Anthracene-d10	17.57	188	124366	21.05	ng/ul	0.00
79) Pyrene-d10	19.85	212	154835	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	177013	21.72	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3257m	7.00	ng/uL	
4) Benzaldehyde	7.23	77	20971	21.12	ng/ul	94
6) Phenol	7.27	94	31018	18.89	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	24206	21.48	ng/ul	94
10) 2-Chlorophenol	7.66	128	24115	20.65	ng/ul	97
11) 2-Methylphenol	8.53	108	24611	19.65	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	33725	20.78	ng/ul	99
14) Acetophenone	8.92	105	41503	20.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	22405	20.61	ng/ul	96
16) 4-Methylphenol	8.86	108	26664	19.23	ng/ul	96
17) Hexachloroethane	9.18	117	10464	21.32	ng/ul	90
20) Nitrobenzene	9.31	77	31017	21.10	ng/ul	97
21) Isophorone	9.83	82	62758	22.36	ng/ul	100
23) 2-Nitrophenol	10.02	139	15719	23.75	ng/ul	96
24) 2,4-Dimethylphenol	10.07	107	31245	20.79	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	33157	21.81	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	26819	20.88	ng/ul	93
28) Naphthalene	10.96	128	81523	21.93	ng/ul	98
30) 4-Chloroaniline	11.07	127	32205	22.46	ng/ul	94
31) Hexachlorobutadiene	11.25	225	21390	22.34	ng/ul	99
32) Caprolactam	11.83	113	10161m	22.42	ng/ul	
33) 4-Chloro-3-methylphenol	12.18	107	30819	20.19	ng/ul	90
34) 2-Methylnaphthalene	12.56	142	60291	21.24	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	57327	21.00 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	41186	21.71 ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	22771	19.42 ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	26392	21.69 ng/ul	96
40) 2,4,5-Trichlorophenol	13.23	196	29760	22.00 ng/ul	97
41) 1,1'-Biphenyl	13.56	154	83168	21.81 ng/ul	95
42) 2-Chloronaphthalene	13.61	162	66436	21.76 ng/ul	98
43) 2-Nitroaniline	13.81	65	22221	21.41 ng/ul	95
45) Dimethylphthalate	14.17	163	91774	21.98 ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	18954	21.94 ng/ul	98
48) Acenaphthylene	14.45	152	108861	21.54 ng/ul	98
49) 3-Nitroaniline	14.63	138	19594	23.37 ng/ul	90
50) Acenaphthene	14.79	153	72880	21.43 ng/ul	97
51) 2,4-Dinitrophenol	14.83	184	5040	10.25 ng/ul	95
53) 4-Nitrophenol	14.93	109	15568	22.07 ng/ul	82
54) Dibenzofuran	15.12	168	108711	21.49 ng/ul	100
55) 2,4-Dinitrotoluene	15.08	165	28341	22.35 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.35	232	28734	22.09 ng/ul	98
57) Diethylphthalate	15.53	149	96423	22.25 ng/ul	98
59) Fluorene	15.78	166	88649	21.82 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	50967	22.25 ng/ul	96
61) 4-Nitroaniline	15.79	138	21504	23.72 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.85	198	13065	16.01 ng/ul#	95
65) N-Nitrosodiphenylamine	15.98	169	80353	22.54 ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	33793	22.45 ng/ul	98
67) Hexachlorobenzene	16.78	284	37377	23.12 ng/ul	91
68) Atrazine	16.92	200	35406	23.28 ng/ul	97
69) Pentachlorophenol	17.12	266	17791	18.25 ng/ul	93
70) Phenanthrene	17.52	178	151993	21.67 ng/ul	99
72) Anthracene	17.60	178	154674	21.74 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	44325	22.07 ng/uL	98
74) Pentachlorobenzene	15.05	250	41589	22.32 ng/uL	98
75) Carbazole	17.87	167	138679	23.20 ng/ul	100
76) Di-n-butylphthalate	18.42	149	164258	23.65 ng/ul	100
77) Fluoranthene	19.52	202	207611	25.32 ng/ul	99
80) Pyrene	19.88	202	208988	20.68 ng/ul	98
81) Butylbenzylphthalate	20.76	149	81190	23.12 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.64	252	71999	23.60 ng/ul	95
83) Benzo(a)anthracene	21.73	228	211716	21.73 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	109912	21.89 ng/ul	98
85) Chrysene	21.79	228	200100	21.81 ng/ul	98
87) Di-n-octyl phthalate	22.85	149	189667	21.13 ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	211708	21.53 ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	199044	21.09 ng/ul	100
91) Benzo(a)pyrene	24.87	252	199633	21.42 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.75	276	239026	21.53 ng/ul	96
93) Dibenzo(a,h)anthracene	28.81	278	196684	21.35 ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	198316	21.79 ng/ul	97

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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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