Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020350.D
Acq On : 20 Dec 2015 20:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02012

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Quant Time: Dec 21 01:56:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 00:36:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	26729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	112866	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	79190	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	191160	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	240699	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	226243	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	3825	7.90	ng/uL	0.00
5) Phenol-d5	7.26	99	49000	20.79	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	28122	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	37270	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	39691	19.69	ng/ul	0.02
19) Nitrobenzene-d5	9.26	128	19386	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22360	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	44229	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	50259	22.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	131401	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	157360	21.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	20830	18.13	ng/ul	0.03
58) Fluorene-d10	15.71	176	120234	20.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	23140	20.42	ng/ul	0.00
71) Anthracene-d10	17.57	188	188806	21.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	221500	19.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	245424	21.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	4317	6.04	ng/uL	96
4) Benzaldehyde	7.23	77	31393	20.57	ng/ul	98
6) Phenol	7.29	94	51222	20.29	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.51	93	35231	20.34	ng/ul	97
10) 2-Chlorophenol	7.66	128	38939	21.69	ng/ul	98
11) 2-Methylphenol	8.55	108	38271	19.88	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.63	45	45536	18.26	ng/ul#	94
14) Acetophenone	8.92	105	62590	19.83	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.90	70	30997	18.55	ng/ul	96
16) 4-Methylphenol	8.87	108	41944	19.68	ng/ul	100
17) Hexachloroethane	9.18	117	15061	19.96	ng/ul	97
20) Nitrobenzene	9.30	77	48684	20.88	ng/ul	98
21) Isophorone	9.83	82	85930	19.31	ng/ul	99
23) 2-Nitrophenol	10.02	139	23630	22.51	ng/ul	97
24) 2,4-Dimethylphenol	10.08	107	50534	21.20	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.31	93	49886	20.69	ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	44655	21.92	ng/ul	92
28) Naphthalene	10.96	128	129406	21.96	ng/ul	99
30) 4-Chloroaniline	11.07	127	51407	22.61	ng/ul	100
31) Hexachlorobutadiene	11.24	225	33213	21.87	ng/ul	89
32) Caprolactam	11.85	113	13344	18.56	ng/ul	96
33) 4-Chloro-3-methylphenol	12.19	107	48044	19.85	ng/ul	94
34) 2-Methylnaphthalene	12.56	142	96221	21.37	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	89272	20.63 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	67363	22.67 ng/ul	96
38) Hexachlorocyclopentadiene	12.90	237	24902	13.55 ng/ul	97
39) 2,4,6-Trichlorophenol	13.16	196	41625	21.84 ng/ul	95
40) 2,4,5-Trichlorophenol	13.25	196	44791	21.14 ng/ul	98
41) 1,1'-Biphenyl	13.56	154	129462	21.67 ng/ul	96
42) 2-Chloronaphthalene	13.60	162	103815	21.70 ng/ul	98
43) 2-Nitroaniline	13.81	65	31739	19.52 ng/ul	95
45) Dimethylphthalate	14.17	163	133995	20.48 ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	28826	21.30 ng/ul	91
48) Acenaphthylene	14.45	152	167481	21.15 ng/ul	100
49) 3-Nitroaniline	14.63	138	27476	20.91 ng/ul	87
50) Acenaphthene	14.79	153	111924	21.01 ng/ul	100
51) 2,4-Dinitrophenol	14.84	184	13335	17.31 ng/ul	96
53) 4-Nitrophenol	14.96	109	19415	17.57 ng/ul	94
54) Dibenzofuran	15.12	168	167382	21.12 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	41538	20.91 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.35	232	40165	19.71 ng/ul	99
57) Diethylphthalate	15.53	149	135521	19.96 ng/ul	98
59) Fluorene	15.77	166	132147	20.77 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	74963	20.89 ng/ul	95
61) 4-Nitroaniline	15.80	138	28630	20.16 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	23792	19.56 ng/ul	99
65) N-Nitrosodiphenylamine	15.97	169	115622	21.75 ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	51368	22.90 ng/ul	99
67) Hexachlorobenzene	16.78	284	54249	22.51 ng/ul	91
68) Atrazine	16.92	200	47649	21.02 ng/ul	98
69) Pentachlorophenol	17.12	266	26123	17.98 ng/ul	98
70) Phenanthrene	17.51	178	222432	21.27 ng/ul	99
72) Anthracene	17.61	178	227456	21.45 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	72920	24.35 ng/uL	98
74) Pentachlorobenzene	15.04	250	65850	23.71 ng/uL	98
75) Carbazole	17.88	167	195975	21.99 ng/ul	100
76) Di-n-butylphthalate	18.42	149	222906	21.53 ng/ul	99
77) Fluoranthene	19.52	202	279716	22.89 ng/ul	99
80) Pyrene	19.88	202	287776	19.75 ng/ul	98
81) Butylbenzylphthalate	20.75	149	106759	21.09 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.64	252	84996	19.33 ng/ul	98
83) Benzo(a)anthracene	21.72	228	300251	21.38 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	148025	20.45 ng/ul	99
85) Chrysene	21.79	228	280541	21.21 ng/ul	99
87) Di-n-octyl phthalate	22.84	149	259164	20.85 ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	286079m	21.01 ng/ul	
89) Benzo(k)fluoranthene	24.05	252	285333	21.84 ng/ul	99
91) Benzo(a)pyrene	24.87	252	275674	21.36 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	304288	19.79 ng/ul	97
93) Dibenzo(a,h)anthracene	28.82	278	268366	21.03 ng/ul	98
94) Benzo(g,h,i)perylene	29.93	276	231196	18.35 ng/ul	97

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

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