Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020593.D
Acq On : 30 Dec 2015 4:33
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 07:32:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 07:20:56 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01008

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	77987	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	58606	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	158236	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	193879	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	187215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	1196	3.81	ng/uL	0.00
5) Phenol-d5	7.22	99	12896	9.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	8537	10.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	10418	9.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	11427	9.69	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	5893	9.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	6521	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	12732	9.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	15151	9.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	48110	10.03	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	54118	9.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	6182	7.85	ng/ul	0.00
58) Fluorene-d10	15.68	176	43539	10.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	7889	7.71	ng/ul	0.00
71) Anthracene-d10	17.54	188	73267	9.90	ng/ul	0.00
79) Pyrene-d10	19.82	212	85549	10.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	89538	9.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	1520	4.30	ng/uL#	82
4) Benzaldehyde	7.20	77	9459m	11.12	ng/ul	
6) Phenol	7.25	94	14065	9.54	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.47	93	10578	9.85	ng/ul	96
10) 2-Chlorophenol	7.62	128	11222	10.11	ng/ul	94
11) 2-Methylphenol	8.50	108	11153	9.82	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.59	45	14221	10.29	ng/ul	95
14) Acetophenone	8.88	105	19880	10.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.86	70	10097	10.48	ng/ul	96
16) 4-Methylphenol	8.83	108	12386	10.01	ng/ul	98
17) Hexachloroethane	9.14	117	4746	10.08	ng/ul	96
20) Nitrobenzene	9.27	77	14567	9.61	ng/ul#	98
21) Isophorone	9.79	82	28822	9.95	ng/ul	99
23) 2-Nitrophenol	9.99	139	6847	9.33	ng/ul	92
24) 2,4-Dimethylphenol	10.04	107	15425	9.94	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.27	93	15496	9.65	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	12957	9.44	ng/ul	98
28) Naphthalene	10.92	128	41186	9.95	ng/ul	97
30) 4-Chloroaniline	11.04	127	16220	10.34	ng/ul	97
31) Hexachlorobutadiene	11.20	225	11168	9.78	ng/ul	99
32) Caprolactam	11.79	113	4398m	9.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	14363	9.96	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	31517	10.26	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	29701	10.18	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	22010	9.40	ng/ul#	97
38) Hexachlorocyclopentadiene	12.87	237	3621	3.09	ng/ul	91
39) 2,4,6-Trichlorophenol	13.13	196	12016	8.77	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	13189m	8.80	ng/ul	
41) 1,1'-Biphenyl	13.53	154	43644	9.74	ng/ul	98
42) 2-Chloronaphthalene	13.57	162	35415	9.78	ng/ul	99
43) 2-Nitroaniline	13.78	65	9562	9.35	ng/ul	95
45) Dimethylphthalate	14.14	163	50281	10.30	ng/ul#	97
46) 2,6-Dinitrotoluene	14.27	165	9650	9.69	ng/ul	98
48) Acenaphthylene	14.42	152	57813	9.93	ng/ul	99
49) 3-Nitroaniline	14.61	138	8800	9.58	ng/ul	92
50) Acenaphthene	14.76	153	39359	9.96	ng/ul	97
51) 2,4-Dinitrophenol	14.82	184	1764	2.95	ng/ul#	85
53) 4-Nitrophenol	14.91	109	5736	8.07	ng/ul	93
54) Dibenzofuran	15.10	168	59757	10.18	ng/ul	95
55) 2,4-Dinitrotoluene	15.06	165	14389	9.70	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.32	232	11831	8.04	ng/ul	97
57) Diethylphthalate	15.50	149	51341	10.26	ng/ul	98
59) Fluorene	15.74	166	48243	10.15	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.73	204	27647	10.01	ng/ul	97
61) 4-Nitroaniline	15.76	138	9560	9.29	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.82	198	8175	7.48	ng/ul	97
65) N-Nitrosodiphenylamine	15.94	169	43085	9.81	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	18538	9.48	ng/ul	97
67) Hexachlorobenzene	16.75	284	20161	9.29	ng/ul	92
68) Atrazine	16.89	200	18877	9.67	ng/ul	99
69) Pentachlorophenol	17.10	266	5505m	4.99	ng/ul	
70) Phenanthrene	17.49	178	86271	9.89	ng/ul	99
72) Anthracene	17.57	178	88205	9.87	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	23623	9.08	ng/uL	97
74) Pentachlorobenzene	15.01	250	23096	9.48	ng/uL	95
75) Carbazole	17.84	167	75039	9.91	ng/ul	98
76) Di-n-butylphthalate	18.39	149	87000	9.68	ng/ul	100
77) Fluoranthene	19.49	202	108820	9.94	ng/ul	99
80) Pyrene	19.85	202	112928	10.24	ng/ul	98
81) Butylbenzylphthalate	20.72	149	38001	9.75	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.61	252	36423	9.69	ng/ul	94
83) Benzo(a)anthracene	21.69	228	110741	9.77	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	54708	9.63	ng/ul	98
85) Chrysene	21.76	228	103751	9.64	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	94255	9.81	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	104552	9.40	ng/ul	97
89) Benzo(k)fluoranthene	24.00	252	103490	9.59	ng/ul	100
91) Benzo(a)pyrene	24.81	252	104000	9.71	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	121012	9.40	ng/ul	99
93) Dibenzo(a,h)anthracene	28.74	278	100215	9.38	ng/ul	99
94) Benzo(g,h,i)perylene	29.85	276	99251m	9.39	ng/ul	

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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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