Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019004.D
Acq On : 4 Oct 2015 14:38
Operator : UM/NP
Sample : SSTD08029
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08029

Manual Integrations APPROVED
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10/5/2015 1:26:56 PM

Quant Time: Oct 05 01:05:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:45:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	32268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	138918	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	85878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	207770	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	236495	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	234974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	21718	34.10	ng/uL	0.00
5) Phenol-d5	7.20	99	219195	79.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	138303	77.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	164233	79.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	171058	79.04	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	82227	79.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	88479	82.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.47	165	170296	79.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	204530	79.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	506021	76.70	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	615806	75.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	110330	83.80	ng/ul	0.02
58) Fluorene-d10	15.66	176	452171	76.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	96341	92.97	ng/ul	0.02
71) Anthracene-d10	17.51	188	711488m	74.99	ng/ul	0.00
79) Pyrene-d10	19.79	212	814197	75.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	911790	77.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	23884	33.87	ng/uL	91
4) Benzaldehyde	7.19	77	127382	76.70	ng/ul	98
6) Phenol	7.23	94	222072	79.03	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	164750	76.97	ng/ul	100
10) 2-Chlorophenol	7.61	128	168538	78.47	ng/ul	98
11) 2-Methylphenol	8.48	108	172704	79.98	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.58	45	321076	76.41	ng/ul	99
14) Acetophenone	8.87	105	258739	76.16	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.87	70	138074	76.26	ng/ul	97
16) 4-Methylphenol	8.82	108	188430	79.20	ng/ul	98
17) Hexachloroethane	9.14	117	64219	75.26	ng/ul	93
20) Nitrobenzene	9.25	77	202470	78.78	ng/ul	97
21) Isophorone	9.79	82	391333	77.60	ng/ul	97
23) 2-Nitrophenol	9.96	139	96130	83.87	ng/ul	97
24) 2,4-Dimethylphenol	10.02	107	201794	77.70	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	226640	76.15	ng/ul	98
27) 2,4-Dichlorophenol	10.50	162	171097	78.52	ng/ul	97
28) Naphthalene	10.90	128	529892	75.38	ng/ul	99
30) 4-Chloroaniline	11.01	127	213162	79.10	ng/ul	94
31) Hexachlorobutadiene	11.20	225	107257	77.08	ng/ul	96
32) Caprolactam	11.80	113	59956m	82.46	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	190287	79.16	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	397267	75.30	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	390593	75.47	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	207125	75.82	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	138421	78.41	ng/ul	100
39) 2,4,6-Trichlorophenol	13.11	196	140933	78.85	ng/ul	97
40) 2,4,5-Trichlorophenol	13.18	196	149349	78.19	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	505516	74.29	ng/ul	95
42) 2-Chloronaphthalene	13.55	162	391763	74.07	ng/ul	97
43) 2-Nitroaniline	13.75	65	146415	83.67	ng/ul	94
45) Dimethylphthalate	14.13	163	509424	76.06	ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	111512	84.45	ng/ul	99
48) Acenaphthylene	14.40	152	647936	75.02	ng/ul	97
49) 3-Nitroaniline	14.57	138	104325	81.52	ng/ul	100
50) Acenaphthene	14.74	153	448973	75.62	ng/ul	98
51) 2,4-Dinitrophenol	14.77	184	69345	101.12	ng/ul	93
53) 4-Nitrophenol	14.88	109	83640	81.41	ng/ul	94
54) Dibenzofuran	15.08	168	591889	73.92	ng/ul	97
55) 2,4-Dinitrotoluene	15.03	165	161956	84.38	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.29	232	144680	81.58	ng/ul	97
57) Diethylphthalate	15.50	149	518395	76.88	ng/ul	97
59) Fluorene	15.72	166	495041	73.75	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	247098	74.12	ng/ul	94
61) 4-Nitroaniline	15.74	138	117623	81.03	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	101445	93.17	ng/ul#	98
65) N-Nitrosodiphenylamine	15.92	169	446759	75.86	ng/ul	99
66) 4-Bromophenyl-phenylether	16.60	248	170644	76.32	ng/ul	97
67) Hexachlorobenzene	16.73	284	190408	75.41	ng/ul	96
68) Atrazine	16.88	200	193011	77.64	ng/ul	95
69) Pentachlorophenol	17.06	266	130580	83.76	ng/ul	95
70) Phenanthrene	17.46	178	831456	73.57	ng/ul	96
72) Anthracene	17.56	178	828925	73.21	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	208542	75.05	ng/uL	97
74) Pentachlorobenzene	14.99	250	201352	74.57	ng/uL	96
75) Carbazole	17.81	167	771889	75.18	ng/ul	99
76) Di-n-butylphthalate	18.38	149	925104	74.27	ng/ul	97
77) Fluoranthene	19.47	202	1022067	74.03	ng/ul	98
80) Pyrene	19.83	202	1016037	73.56	ng/ul	96
81) Butylbenzylphthalate	20.72	149	421444	79.02	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.57	252	339144	77.44	ng/ul	99
83) Benzo(a)anthracene	21.66	228	999078	74.87	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	588680	75.80	ng/ul#	99
85) Chrysene	21.73	228	924480	73.88	ng/ul	95
87) Di-n-octyl phthalate	22.81	149	1031378	76.94	ng/ul	100
88) Benzo(b)fluoranthene	23.89	252	1028051	75.94	ng/ul	98
89) Benzo(k)fluoranthene	23.95	252	977080	74.60	ng/ul	98
91) Benzo(a)pyrene	24.77	252	982604	75.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.60	276	1171759	77.39	ng/ul	98
93) Dibenzo(a,h)anthracene	28.66	278	1001633	77.11	ng/ul	97
94) Benzo(g,h,i)perylene	29.74	276	979732	77.64	ng/ul	99

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

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