Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052716\
Data File : BG022108.D
Acq On : 27 May 2016 15:48
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
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5/27/2016 7:48:34 PM

Quant Time: May 27 18:48:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 18:06:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	303313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	177198	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	354994	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	308336	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	290533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	7417	6.63	ng/uL	0.00
5) Phenol-d5	7.32	99	98622	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	51137	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	85704	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	86132	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	45395	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	50113	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	87819	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	103699	22.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	253842	19.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	349952	18.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	41888	18.28	ng/ul	0.00
57) Fluorene-d10	15.77	176	236580	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	35074	18.90	ng/ul	0.00
70) Anthracene-d10	17.63	188	326409	19.16	ng/ul	0.00
76) Pyrene-d10	19.90	212	317974	18.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	254385	18.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	12478	6.15	ng/uL	93
4) Benzaldehyde	7.29	77	40831	14.06	ng/ul	95
6) Phenol	7.34	94	99009	18.66	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.56	93	74096	19.11	ng/ul	98
10) 2-Chlorophenol	7.71	128	86151	19.84	ng/ul	93
11) 2-Methylphenol	8.60	108	80681	19.04	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.68	45	83640	18.06	ng/ul	96
14) Acetophenone	8.98	105	121302	19.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.96	70	61119	18.94	ng/ul	93
16) 4-Methylphenol	8.93	108	89598	19.61	ng/ul	99
17) Hexachloroethane	9.24	117	32275	18.65	ng/ul	94
20) Nitrobenzene	9.37	77	84814	18.73	ng/ul	96
21) Isophorone	9.89	82	178407	18.48	ng/ul	96
23) 2-Nitrophenol	10.08	139	53686	21.19	ng/ul	94
24) 2,4-Dimethylphenol	10.14	107	91827	18.78	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.36	93	108270	19.54	ng/ul	99
27) 2,4-Dichlorophenol	10.62	162	84820	20.22	ng/ul	99
28) Naphthalene	11.03	128	297358	19.34	ng/ul	99
30) 4-Chloroaniline	11.13	127	108310	23.15	ng/ul	98
31) Hexachlorobutadiene	11.30	225	48455	19.59	ng/ul	92
32) Caprolactam	11.89	113	32968m	19.61	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	89799	20.10	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	217953	19.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	99858	19.00	ng/ul	96
37) Hexachlorocyclopentadiene	12.96	237	34949	15.44	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.23	196	68275	19.23	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	74650	19.82	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	275677	18.89	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	213295	19.03	ng/ul	97
42) 2-Nitroaniline	13.87	65	45596	18.05	ng/ul	94
44) Dimethylphthalate	14.22	163	254283	19.01	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	57060	19.89	ng/ul	93
47) Acenaphthylene	14.51	152	353289	18.66	ng/ul	98
48) 3-Nitroaniline	14.69	138	49842	18.13	ng/ul	99
49) Acenaphthene	14.85	153	240572	18.40	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	18177	16.36	ng/ul	91
52) 4-Nitrophenol	15.01	109	22540	17.44	ng/ul	93
53) Dibenzofuran	15.18	168	310739	19.22	ng/ul	98
54) 2,4-Dinitrotoluene	15.15	165	75850	19.61	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.41	232	55225	18.54	ng/ul#	97
56) Diethylphthalate	15.58	149	261185	18.82	ng/ul	100
58) Fluorene	15.83	166	258657	18.95	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.81	204	121202	19.71	ng/ul	96
60) 4-Nitroaniline	15.85	138	48443	16.05	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.91	198	35505	18.49	ng/ul	96
64) N-Nitrosodiphenylamine	16.02	169	210766	18.78	ng/ul	99
65) 4-Bromophenyl-phenylether	16.70	248	71508	19.93	ng/ul	93
66) Hexachlorobenzene	16.83	284	78373	18.81	ng/ul	98
67) Atrazine	16.96	200	74566	19.29	ng/ul	97
68) Pentachlorophenol	17.18	266	30161	13.91	ng/ul	99
69) Phenanthrene	17.57	178	374694	18.98	ng/ul	99
71) Anthracene	17.66	178	375527	18.78	ng/ul	99
72) Carbazole	17.93	167	332338	19.17	ng/ul	98
73) Di-n-butylphthalate	18.46	149	430123	18.52	ng/ul	99
74) Fluoranthene	19.57	202	388030	19.23	ng/ul	98
77) Pyrene	19.93	202	391032	18.02	ng/ul	99
78) Butylbenzylphthalate	20.79	149	179768	17.48	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.69	252	102994	17.77	ng/ul	98
80) Benzo(a)anthracene	21.79	228	330617	18.28	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	259104	17.71	ng/ul	98
82) Chrysene	21.86	228	312300	18.00	ng/ul	96
84) Di-n-octyl phthalate	22.90	149	424839	17.95	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	315472	18.55	ng/ul	99
86) Benzo(k)fluoranthene	24.14	252	295197	17.84	ng/ul	97
88) Benzo(a)pyrene	24.98	252	297675	18.15	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.96	276	324624	17.26	ng/ul	98
90) Dibenzo(a,h)anthracene	29.01	278	272316	17.30	ng/ul	97
91) Benzo(g,h,i)perylene	30.15	276	240385m	15.96	ng/ul	

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

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