Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023759.D
Acq On : 18 Aug 2016 15:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 18 17:09:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 14:57:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	94198	20.00	ng/ul	0.02
18) Naphthalene-d8	10.94	136	412226	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	275352	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.64	188	637696	20.00	ng/ul	0.11
75) Chrysene-d12	21.85	240	706576	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	669218	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	17959	8.65	ng/uL	0.00
5) Phenol-d5	7.27	99	185334	20.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	128559	21.24	ng/ul	0.02
9) 2-Chlorophenol-d4	7.64	132	132457	21.13	ng/ul	0.02
13) 4-Methylphenol-d8	8.83	113	145789	21.11	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	70719	21.24	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	78692	20.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.57	165	138073	20.11	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	185539	22.09	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	482378	21.13	ng/ul	0.01
46) Acenaphthylene-d8	14.48	160	547427	21.18	ng/ul	0.01
51) 4-Nitrophenol-d4	15.00	143	75167	20.37	ng/ul	0.00
57) Fluorene-d10	15.77	176	412525	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	650	0.16	ng/ul	0.10
70) Anthracene-d10	17.64	188	637696	21.69	ng/ul	0.00
76) Pyrene-d10	19.93	212	720566	21.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	635848	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	18480	8.49	ng/uL#	64
4) Benzaldehyde	7.24	77	126235	22.15	ng/ul	86
6) Phenol	7.30	94	194765	21.52	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.52	93	146828	21.27	ng/ul#	87
10) 2-Chlorophenol	7.67	128	133032	20.80	ng/ul#	81
11) 2-Methylphenol	8.57	108	141030	20.49	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.64	45	212225	21.50	ng/ul#	95
14) Acetophenone	8.94	105	239071	21.29	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.92	70	146113	21.01	ng/ul#	83
16) 4-Methylphenol	8.89	108	155500	20.78	ng/ul	100
17) Hexachloroethane	9.20	117	60253	21.35	ng/ul#	93
20) Nitrobenzene	9.33	77	199708	20.49	ng/ul#	86
21) Isophorone	9.85	82	381418	21.15	ng/ul#	92
23) 2-Nitrophenol	10.05	139	83884	20.51	ng/ul#	57
24) 2,4-Dimethylphenol	10.11	107	180087	20.40	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.34	93	212174	20.92	ng/ul#	97
27) 2,4-Dichlorophenol	10.60	162	142301	20.76	ng/ul	93
28) Naphthalene	11.00	128	436608	20.71	ng/ul#	96
30) 4-Chloroaniline	11.11	127	184163	22.36	ng/ul	95
31) Hexachlorobutadiene	11.27	225	97983	19.87	ng/ul	97
32) Caprolactam	11.88	113	47056	17.62	ng/ul#	59
33) 4-Chloro-3-methylphenol	12.24	107	181116	21.38	ng/ul#	82
34) 2-Methylnaphthalene	12.60	142	343998	21.42	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	185464	20.27 ng/ul	98
37) Hexachlorocyclopentadiene	12.94	237	66644	16.68 ng/ul	97
38) 2,4,6-Trichlorophenol	13.22	196	119975	19.94 ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	125716	20.21 ng/ul	97
40) 1,1'-Biphenyl	13.61	154	443104	20.58 ng/ul	98
41) 2-Chloronaphthalene	13.65	162	338888	20.70 ng/ul	96
42) 2-Nitroaniline	13.86	65	140747	20.72 ng/ul#	68
44) Dimethylphthalate	14.22	163	473475	20.74 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	101155	20.76 ng/ul#	84
47) Acenaphthylene	14.50	152	573856	21.31 ng/ul	97
48) 3-Nitroaniline	14.69	138	96672	21.06 ng/ul#	62
49) Acenaphthene	14.85	153	375482	20.82 ng/ul	98
50) 2,4-Dinitrophenol	14.96	184	1149	0.44 ng/ul	90
52) 4-Nitrophenol	15.02	109	74277	20.04 ng/ul#	74
53) Dibenzofuran	15.18	168	550887	21.01 ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	148886	20.91 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.41	232	115857	20.20 ng/ul	97
56) Diethylphthalate	15.59	149	494365	21.20 ng/ul	99
58) Fluorene	15.83	166	445940	20.99 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	225929	21.05 ng/ul	98
60) 4-Nitroaniline	15.86	138	105778	20.75 ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	16.01	198	656	0.16 ng/ul#	1
64) N-Nitrosodiphenylamine	16.03	169	403369	21.37 ng/ul	96
65) 4-Bromophenyl-phenylether	16.71	248	153218	20.86 ng/ul	98
66) Hexachlorobenzene	16.84	284	168224	21.26 ng/ul	96
67) Atrazine	16.98	200	169885	21.97 ng/ul	98
68) Pentachlorophenol	17.19	266	61213	17.85 ng/ul	95
69) Phenanthrene	17.68	178	756142	22.40 ng/ul	100
71) Anthracene	17.68	178	756142	21.78 ng/ul	99
72) Carbazole	17.95	167	671654	23.71 ng/ul	97
73) Di-n-butylphthalate	18.49	149	848545	22.15 ng/ul#	97
74) Fluoranthene	19.96	202	893669	24.85 ng/ul	97
77) Pyrene	19.96	202	897500	21.49 ng/ul#	92
78) Butylbenzylphthalate	20.83	149	381250	20.18 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.74	252	309352	22.03 ng/ul#	95
80) Benzo(a)anthracene	21.83	228	850713	20.83 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.71	149	534026	21.02 ng/ul#	98
82) Chrysene	21.90	228	768475	20.90 ng/ul	96
84) Di-n-octyl phthalate	22.96	149	893682	23.23 ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	802272	20.62 ng/ul#	93
86) Benzo(k)fluoranthene	24.22	252	789121	21.00 ng/ul#	92
88) Benzo(a)pyrene	25.07	252	780610	20.91 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.11	276	912990	20.80 ng/ul#	88
90) Dibenzo(a,h)anthracene	29.17	278	775533	20.60 ng/ul#	90
91) Benzo(g,h,i)perylene	30.33	276	741075	20.41 ng/ul#	84

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

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