Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG081816\
Data File : BG023787.D
Acq On : 19 Aug 2016 9:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02014

Quant Time: Aug 19 15:38:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	103592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	459401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	314018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	772630	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	800784	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	687804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	18721	8.20	ng/uL	0.00
5) Phenol-d5	7.25	99	205077	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	136404	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	142142	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	158026	20.81	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	74704	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	89587	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	163889	21.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	1384	0.15	ng/ul	0.05
43) Dimethylphthalate-d6	14.16	166	549081	21.09	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	615124	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	85952	20.43	ng/ul	0.00
57) Fluorene-d10	15.76	176	474339	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	100105	20.44	ng/ul	0.00
70) Anthracene-d10	17.63	188	748777	21.02	ng/ul	0.00
76) Pyrene-d10	19.92	212	871848	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	653296	20.75	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	19096	7.98	ng/uL#	89
4) Benzaldehyde	7.23	77	139623	22.28	ng/ul	82
6) Phenol	7.28	94	205117	20.61	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.50	93	160178	21.10	ng/ul	86
10) 2-Chlorophenol	7.66	128	142267	20.23	ng/ul#	82
11) 2-Methylphenol	8.54	108	154712	20.44	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.62	45	227603	20.97	ng/ul	97
14) Acetophenone	8.93	105	259144	20.98	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.90	70	165671	21.66	ng/ul#	84
16) 4-Methylphenol	8.87	108	173887	21.12	ng/ul	97
17) Hexachloroethane	9.18	117	63237	20.37	ng/ul#	86
20) Nitrobenzene	9.32	77	223742	20.60	ng/ul#	85
21) Isophorone	9.83	82	418767	20.83	ng/ul#	91
23) 2-Nitrophenol	10.03	139	95433	20.94	ng/ul#	55
24) 2,4-Dimethylphenol	10.09	107	207366	21.07	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.32	93	235308	20.82	ng/ul#	95
27) 2,4-Dichlorophenol	10.58	162	158013	20.69	ng/ul	97
28) Naphthalene	10.98	128	487083	20.73	ng/ul	98
30) 4-Chloroaniline	11.09	127	206557	22.50	ng/ul	96
31) Hexachlorobutadiene	11.26	225	113374	20.63	ng/ul	95
32) Caprolactam	11.87	113	41303	13.88	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.22	107	196885	20.86	ng/ul	85
34) 2-Methylnaphthalene	12.59	142	378837	21.17	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.95	216	210056	20.13 ng/ul	96
37) Hexachlorocyclopentadiene	12.93	237	63295	13.89 ng/ul#	99
38) 2,4,6-Trichlorophenol	13.20	196	135623	19.77 ng/ul	90
39) 2,4,5-Trichlorophenol	13.28	196	142057	20.03 ng/ul	95
40) 1,1'-Biphenyl	13.59	154	499130	20.32 ng/ul	96
41) 2-Chloronaphthalene	13.64	162	376948	20.19 ng/ul	92
42) 2-Nitroaniline	13.85	65	160186	20.68 ng/ul#	68
44) Dimethylphthalate	14.21	163	542870	20.85 ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	116442	20.95 ng/ul#	87
47) Acenaphthylene	14.49	152	643520	20.95 ng/ul	100
48) 3-Nitroaniline	14.68	138	109938	21.00 ng/ul#	66
49) Acenaphthene	14.83	153	428763	20.84 ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	54524	18.49 ng/ul#	83
52) 4-Nitrophenol	15.00	109	85597	20.25 ng/ul#	72
53) Dibenzofuran	15.17	168	627884	21.00 ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	174786	21.52 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.40	232	137519	21.02 ng/ul	97
56) Diethylphthalate	15.57	149	565378	21.26 ng/ul	98
58) Fluorene	15.82	166	502643	20.75 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	252917	20.66 ng/ul	89
60) 4-Nitroaniline	15.85	138	125749	21.63 ng/ul#	57
63) 4,6-Dinitro-2-methylphenol	15.91	198	106084	20.75 ng/ul#	87
64) N-Nitrosodiphenylamine	16.03	169	471041	20.59 ng/ul	95
65) 4-Bromophenyl-phenylether	16.71	248	180684	20.30 ng/ul	95
66) Hexachlorobenzene	16.84	284	195926	20.44 ng/ul	97
67) Atrazine	16.97	200	203095	21.68 ng/ul	98
68) Pentachlorophenol	17.18	266	81202	19.55 ng/ul	89
69) Phenanthrene	17.58	178	868752	21.24 ng/ul	99
71) Anthracene	17.67	178	884597	21.03 ng/ul	97
72) Carbazole	17.94	167	792222	23.08 ng/ul	98
73) Di-n-butylphthalate	18.48	149	1004163	21.63 ng/ul#	96
74) Fluoranthene	19.59	202	1056231	24.24 ng/ul#	94
77) Pyrene	19.95	202	1080021	22.82 ng/ul#	90
78) Butylbenzylphthalate	20.83	149	437846	20.45 ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.74	252	323600	20.33 ng/ul#	93
80) Benzo(a)anthracene	21.82	228	967487	20.90 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	518043	17.99 ng/ul#	99
82) Chrysene	21.89	228	862192	20.69 ng/ul	98
84) Di-n-octyl phthalate	22.96	149	874207	22.11 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	832173	20.81 ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	800649	20.73 ng/ul#	91
88) Benzo(a)pyrene	25.07	252	802114	20.90 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.11	276	933820	20.70 ng/ul#	87
90) Dibenzo(a,h)anthracene	29.16	278	799652	20.67 ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	765394	20.51 ng/ul#	85

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

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