Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081718\
Data File : BG036318.D
Acq On : 17 Aug 2018 14:07
Operator : JU/SJ
Sample : MDL-S-04
Misc : 1PPM/4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-04

Manual Integrations APPROVED
Sohil
8/17/2018 6:44:12 PM

Quant Time: Aug 17 15:22:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 17 14:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	143420	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	106340	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	299759	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	337306	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	313037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7324	7.53	ng/uL	0.00
5) Phenol-d5	7.22	99	119643	32.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	86686	34.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	68928	33.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	90877	33.55	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	33665	39.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	30411	36.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	82235	32.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	98750	39.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	312658	34.56	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	365217	33.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	35198	31.47	ng/ul	0.00
58) Fluorene-d10	15.69	176	270470	32.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	28836	29.17	ng/ul	0.00
71) Anthracene-d10	17.54	188	461790m	33.28	ng/ul	0.00
79) Pyrene-d10	19.82	212	563654	32.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	516209	30.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2613m	2.185	ng/uL	
4) Benzaldehyde	7.22	77	8208	2.723	ng/ul#	72
6) Phenol	7.25	94	16119	4.284	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.50	93	12928	4.677	ng/ul#	87
10) 2-Chlorophenol	7.64	128	9329	4.517	ng/ul#	63
11) 2-Methylphenol	8.50	108	10466	3.831	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.61	45	14042	4.094	ng/ul#	80
14) Acetophenone	8.89	105	18901	4.183	ng/ul#	62
15) N-Nitroso-di-n-propylamine	8.89	70	13419	4.522	ng/ul#	81
16) 4-Methylphenol	8.83	108	11299	4.014	ng/ul	98
17) Hexachloroethane	9.17	117	4264	4.197	ng/ul	98
20) Nitrobenzene	9.28	77	15896	4.819	ng/ul#	79
21) Isophorone	9.80	82	32371	4.043	ng/ul#	90
23) 2-Nitrophenol	9.99	139	3578	3.920	ng/ul#	84
24) 2,4-Dimethylphenol	10.05	107	14517	3.994	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.29	93	16955	4.454	ng/ul#	92
27) 2,4-Dichlorophenol	10.53	162	8740	3.889	ng/ul	99
28) Naphthalene	10.94	128	29691	4.105	ng/ul#	93
30) 4-Chloroaniline	11.03	127	10552	4.253	ng/ul	98
31) Hexachlorobutadiene	11.23	225	8913	4.055	ng/ul	98
32) Caprolactam	11.81	113	3385m	3.439	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	12803	4.089	ng/ul#	83
34) 2-Methylnaphthalene	12.54	142	23422	4.237	ng/ul	97

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35) 1-Methylnaphthalene	12.75	142	24421	4.553	ng/ul#	81
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	18086	4.202	ng/ul	88
38) Hexachlorocyclopentadiene	12.88	237	9740	4.200	ng/ul#	82
39) 2,4,6-Trichlorophenol	13.13	196	8153	3.613	ng/ul	92
40) 2,4,5-Trichlorophenol	13.19	196	9143	3.635	ng/ul	87
41) 1,1'-Biphenyl	13.54	154	34197	4.329	ng/ul#	92
42) 2-Chloronaphthalene	13.58	162	26403	4.252	ng/ul#	89
43) 2-Nitroaniline	13.78	65	7721	4.166	ng/ul#	69
45) Dimethylphthalate	14.15	163	38939	4.380	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	4779	3.967	ng/ul#	80
48) Acenaphthylene	14.42	152	40251	4.240	ng/ul	99
49) 3-Nitroaniline	14.59	138	4367	3.801	ng/ul#	98
50) Acenaphthene	14.76	153	28576	4.197	ng/ul	99
51) 2,4-Dinitrophenol	14.79	184	1985	2.991	ng/ul#	76
53) 4-Nitrophenol	14.88	109	6978	4.251	ng/ul#	63
54) Dibenzofuran	15.10	168	40708	4.177	ng/ul#	85
55) 2,4-Dinitrotoluene	15.05	165	6349	3.881	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	8373	4.149	ng/ul#	76
57) Diethylphthalate	15.52	149	36517	4.158	ng/ul	99
59) Fluorene	15.74	166	35512	4.205	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.74	204	22223	4.346	ng/ul	89
61) 4-Nitroaniline	15.74	138	5112	3.244	ng/ul#	67
64) 4,6-Dinitro-2-methylphenol	15.81	198	3381	3.174	ng/ul#	37
65) N-Nitrosodiphenylamine	15.95	169	31957	4.067	ng/ul	90
66) 4-Bromophenyl-phenylether	16.64	248	13553	3.903	ng/ul	92
67) Hexachlorobenzene	16.75	284	15830	4.322	ng/ul	96
68) Atrazine	16.90	200	13849	4.024	ng/ul	90
69) Pentachlorophenol	17.08	266	5773	3.168	ng/ul	92
70) Phenanthrene	17.48	178	62198	4.153	ng/ul	96
72) Anthracene	17.58	178	64034m	4.266	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20149	4.235	ng/uL	91
74) Pentachlorobenzene	15.02	250	16382	3.922	ng/uL	98
75) Carbazole	17.84	167	50831	4.150	ng/ul#	97
76) Di-n-butylphthalate	18.42	149	56996	4.027	ng/ul#	93
77) Fluoranthene	19.49	202	80917	4.157	ng/ul#	95
80) Pyrene	19.85	202	86694	4.102	ng/ul#	93
81) Butylbenzylphthalate	20.75	149	22851	3.619	ng/ul#	79
82) 3,3'-Dichlorobenzidine	21.60	252	21009	2.965	ng/ul#	92
83) Benzo(a)anthracene	21.70	228	87592	4.075	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	31929	3.629	ng/ul	100
85) Chrysene	21.76	228	80540	4.023	ng/ul	97
87) Di-n-octyl phthalate	22.87	149	51785	3.598	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	76757	3.873	ng/ul#	94
89) Benzo(k)fluoranthene	23.98	252	79852	4.227	ng/ul#	97
91) Benzo(a)pyrene	24.79	252	78751	4.243	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	28.61	276	84726m	3.985	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	73131m	4.172	ng/ul	
94) Benzo(g,h,i)perylene	29.75	276	72485m	4.120	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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