Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036340.D
Acq On : 22 Aug 2018 13:22
Operator : JU/SJ
Sample : MDL-W-07
Misc : 1PPM/4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-07

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:44 AM

Quant Time: Aug 22 14:02:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:52:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	52835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	224166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	145058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	357674	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	384809	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	374279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8355	5.89	ng/uL	0.00
5) Phenol-d5	7.22	99	152096	30.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	107068	31.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	109613	30.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	121283	32.32	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	52567	38.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	51869	37.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	113849	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	160389	39.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	395715	32.62	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	473097	32.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	60288	33.60	ng/ul	0.00
58) Fluorene-d10	15.69	176	328626	31.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	39717	30.66	ng/ul	0.00
71) Anthracene-d10	17.54	188	529138m	31.71	ng/ul	0.00
79) Pyrene-d10	19.82	212	626641	31.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	597567	29.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2518	1.683	ng/uL#	27
4) Benzaldehyde	7.21	77	7834	2.378	ng/ul	99
6) Phenol	7.24	94	18505	3.767	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.49	93	15027	4.119	ng/ul#	86
10) 2-Chlorophenol	7.63	128	13209	3.721	ng/ul#	79
11) 2-Methylphenol	8.51	108	13770	3.679	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.60	45	30795	3.834	ng/ul#	88
14) Acetophenone	8.90	105	23267	4.045	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.88	70	13078	3.774	ng/ul#	90
16) 4-Methylphenol	8.82	108	13948	3.562	ng/ul	96
17) Hexachloroethane	9.17	117	5725	4.048	ng/ul#	77
20) Nitrobenzene	9.28	77	17278	4.453	ng/ul#	96
21) Isophorone	9.80	82	35453	3.764	ng/ul	98
23) 2-Nitrophenol	9.98	139	6659	4.573	ng/ul	100
24) 2,4-Dimethylphenol	10.04	107	17579	3.952	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.28	93	20281	3.983	ng/ul#	93
27) 2,4-Dichlorophenol	10.52	162	13346	3.825	ng/ul	88
28) Naphthalene	10.93	128	46543	4.051	ng/ul	98
30) 4-Chloroaniline	11.03	127	16299	4.107	ng/ul#	89
31) Hexachlorobutadiene	11.22	225	10104	4.057	ng/ul#	86
32) Caprolactam	11.80	113	5414m	3.750	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	15307	3.734	ng/ul#	94
34) 2-Methylnaphthalene	12.53	142	35232	4.109	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	34153	4.084 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	18843	3.814 ng/ul#	97
38) Hexachlorocyclopentadiene	12.88	237	9299	3.145 ng/ul#	89
39) 2,4,6-Trichlorophenol	13.13	196	10526	3.449 ng/ul	91
40) 2,4,5-Trichlorophenol	13.20	196	11758	3.717 ng/ul	98
41) 1,1'-Biphenyl	13.54	154	45329	3.993 ng/ul#	96
42) 2-Chloronaphthalene	13.58	162	36247	4.162 ng/ul	94
43) 2-Nitroaniline	13.77	65	9162	4.020 ng/ul#	72
45) Dimethylphthalate	14.15	163	45486	3.908 ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	6226	3.828 ng/ul	93
48) Acenaphthylene	14.42	152	53809	3.903 ng/ul	99
49) 3-Nitroaniline	14.59	138	6275	3.702 ng/ul#	92
50) Acenaphthene	14.76	153	38620	3.913 ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	2357	2.849 ng/ul#	79
53) 4-Nitrophenol	14.88	109	6771	4.067 ng/ul	89
54) Dibenzofuran	15.09	168	55385	4.054 ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	8673	3.855 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.32	232	10762	3.633 ng/ul	98
57) Diethylphthalate	15.52	149	46448	3.932 ng/ul	96
59) Fluorene	15.75	166	43529	3.952 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	24188	4.031 ng/ul	95
61) 4-Nitroaniline	15.75	138	6058	2.821 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.80	198	4986	3.726 ng/ul#	44
65) N-Nitrosodiphenylamine	15.95	169	40113	4.003 ng/ul	99
66) 4-Bromophenyl-phenylether	16.63	248	14975	3.785 ng/ul	95
67) Hexachlorobenzene	16.75	284	15738	3.986 ng/ul	96
68) Atrazine	16.89	200	15957	3.861 ng/ul	97
69) Pentachlorophenol	17.09	266	7628	3.186 ng/ul	92
70) Phenanthrene	17.49	178	75781	4.077 ng/ul	98
72) Anthracene	17.57	178	75505	4.037 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20772	3.801 ng/uL	95
74) Pentachlorobenzene	15.01	250	18230	3.832 ng/uL	98
75) Carbazole	17.84	167	65616	4.173 ng/ul	97
76) Di-n-butylphthalate	18.41	149	78637	3.828 ng/ul	98
77) Fluoranthene	19.49	202	94240	4.373 ng/ul	97
80) Pyrene	19.85	202	91445	3.922 ng/ul#	94
81) Butylbenzylphthalate	20.75	149	32693	3.444 ng/ul#	85
82) 3,3'-Dichlorobenzidine	21.60	252	23972	3.024 ng/ul	95
83) Benzo(a)anthracene	21.69	228	95700	3.936 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	49638	3.668 ng/ul	99
85) Chrysene	21.76	228	88340	3.961 ng/ul	98
87) Di-n-octyl phthalate	22.85	149	80388	3.821 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	85059	3.838 ng/ul#	94
89) Benzo(k)fluoranthene	23.98	252	87389	4.090 ng/ul#	97
91) Benzo(a)pyrene	24.79	252	82335	3.926 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.59	276	95280	3.815 ng/ul	99
93) Dibenzo(a,h)anthracene	28.67	278	78806m	3.892 ng/ul	
94) Benzo(g,h,i)perylene	29.72	276	80123m	3.891 ng/ul	

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

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