Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036345.D
Acq On : 22 Aug 2018 16:37
Operator : JU/SJ
Sample : MDL-ME-05
Misc : 1PPM/4PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-05

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:49 AM

Quant Time: Aug 22 17:18:30 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	8.08	152	53886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	229133	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	147270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	363877	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	397109	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	388198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	8449	5.84	ng/uL	0.00
5) Phenol-d5	7.22	99	151074	30.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	105984	30.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	109506	30.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	122294	31.96	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	52672	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	51689	36.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	113415	30.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	157478	37.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	387152	31.44	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	473803	31.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	58151	31.93	ng/ul	0.00
58) Fluorene-d10	15.69	176	327879	30.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	39514	29.98	ng/ul	0.00
71) Anthracene-d10	17.54	188	528368	31.12	ng/ul	0.00
79) Pyrene-d10	19.82	212	631151	31.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	608481	28.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2336	1.531	ng/uL#	37
4) Benzaldehyde	7.21	77	6607	1.966	ng/ul	90
6) Phenol	7.25	94	16947	3.382	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.49	93	14352	3.857	ng/ul	94
10) 2-Chlorophenol	7.64	128	11840	3.270	ng/ul#	90
11) 2-Methylphenol	8.51	108	12306	3.224	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.61	45	28254	3.449	ng/ul#	93
14) Acetophenone	8.89	105	21353	3.640	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.88	70	11668	3.301	ng/ul	93
16) 4-Methylphenol	8.83	108	13238	3.315	ng/ul	87
17) Hexachloroethane	9.16	117	5225	3.622	ng/ul#	64
20) Nitrobenzene	9.28	77	14756	3.720	ng/ul#	89
21) Isophorone	9.80	82	33397	3.469	ng/ul	95
23) 2-Nitrophenol	9.99	139	6101	4.099	ng/ul#	83
24) 2,4-Dimethylphenol	10.04	107	15139	3.330	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.29	93	18253	3.507	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	11831	3.318	ng/ul	92
28) Naphthalene	10.93	128	42253	3.598	ng/ul	99
30) 4-Chloroaniline	11.04	127	15141	3.732	ng/ul	94
31) Hexachlorobutadiene	11.22	225	8619	3.386	ng/ul#	86
32) Caprolactam	11.80	113	4931m	3.341	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	13813	3.297	ng/ul	90
34) 2-Methylnaphthalene	12.54	142	32522	3.711	ng/ul	95

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35) 1-Methylnaphthalene	12.75	142	31266	3.658	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	17686	3.526	ng/ul#	94
38) Hexachlorocyclopentadiene	12.88	237	8595	2.864	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.12	196	9289	2.998	ng/ul#	81
40) 2,4,5-Trichlorophenol	13.19	196	10576	3.293	ng/ul	94
41) 1,1'-Biphenyl	13.53	154	42338	3.673	ng/ul#	96
42) 2-Chloronaphthalene	13.58	162	31974	3.616	ng/ul	98
43) 2-Nitroaniline	13.77	65	8075	3.490	ng/ul#	81
45) Dimethylphthalate	14.15	163	42757	3.619	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	5337	3.232	ng/ul#	77
48) Acenaphthylene	14.42	152	49565	3.542	ng/ul	99
49) 3-Nitroaniline	14.59	138	5535	3.217	ng/ul#	80
50) Acenaphthene	14.76	153	35206	3.513	ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	2118	2.522	ng/ul#	88
53) 4-Nitrophenol	14.88	109	6180	3.656	ng/ul#	78
54) Dibenzofuran	15.10	168	49813	3.591	ng/ul	92
55) 2,4-Dinitrotoluene	15.04	165	8341	3.652	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	9283	3.087	ng/ul#	93
57) Diethylphthalate	15.51	149	41615	3.470	ng/ul	97
59) Fluorene	15.74	166	40597	3.631	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.74	204	21670	3.557	ng/ul	94
61) 4-Nitroaniline	15.74	138	5434	2.493	ng/ul#	78
64) 4,6-Dinitro-2-methylphenol	15.81	198	4687	3.443	ng/ul#	65
65) N-Nitrosodiphenylamine	15.95	169	36771	3.607	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	13730	3.411	ng/ul	94
67) Hexachlorobenzene	16.74	284	14324	3.566	ng/ul#	90
68) Atrazine	16.90	200	14697	3.495	ng/ul	97
69) Pentachlorophenol	17.08	266	6960	2.858	ng/ul	94
70) Phenanthrene	17.48	178	69921	3.698	ng/ul	97
72) Anthracene	17.58	178	66575	3.499	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	18691	3.362	ng/uL	97
74) Pentachlorobenzene	15.01	250	17153	3.544	ng/uL	96
75) Carbazole	17.84	167	60670	3.793	ng/ul	99
76) Di-n-butylphthalate	18.41	149	70955	3.395	ng/ul	100
77) Fluoranthene	19.49	202	85384	3.894	ng/ul#	94
80) Pyrene	19.85	202	83955	3.489	ng/ul#	93
81) Butylbenzylphthalate	20.74	149	30488	3.113	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.61	252	22343	2.731	ng/ul#	96
83) Benzo(a)anthracene	21.69	228	91720	3.655	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	44080	3.157	ng/ul	99
85) Chrysene	21.75	228	81610	3.546	ng/ul	97
87) Di-n-octyl phthalate	22.85	149	71959	3.298	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	81062	3.526	ng/ul#	97
89) Benzo(k)fluoranthene	23.98	252	79913	3.606	ng/ul#	96
91) Benzo(a)pyrene	24.79	252	73672	3.387	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.60	276	87468m	3.377	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	71909	3.424	ng/ul	95
94) Benzo(g,h,i)perylene	29.74	276	72178	3.379	ng/ul#	95

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

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