Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036346.D
Acq On : 22 Aug 2018 17:16
Operator : JU/SJ
Sample : MDL-ME-06
Misc : 1PPM/4PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-06

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:50 AM

Quant Time: Aug 22 17:53:53 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	59905	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	265786	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	168238	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	408673	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	450847	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	441913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	9086	5.65	ng/uL	0.00
5) Phenol-d5	7.22	99	168404	30.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	117012	30.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	121917	30.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	137287	32.27	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	58813	36.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	59086	36.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	127162	29.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	175579	36.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	428957	30.49	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	529705	31.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	66813	32.11	ng/ul	0.00
58) Fluorene-d10	15.69	176	367954	30.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	44009	29.73	ng/ul	0.00
71) Anthracene-d10	17.54	188	585205	30.69	ng/ul	0.00
79) Pyrene-d10	19.82	212	683037	29.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	667895	27.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2672	1.575	ng/uL#	27
4) Benzaldehyde	7.21	77	8696	2.328	ng/ul	90
6) Phenol	7.25	94	20208	3.628	ng/ul#	95
8) Bis(2-Chloroethyl)ether	7.50	93	16411	3.967	ng/ul	89
10) 2-Chlorophenol	7.64	128	14777	3.671	ng/ul	94
11) 2-Methylphenol	8.51	108	14918	3.515	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	34105	3.745	ng/ul#	89
14) Acetophenone	8.89	105	25931	3.976	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.88	70	13366	3.402	ng/ul#	81
16) 4-Methylphenol	8.83	108	16117	3.630	ng/ul	89
17) Hexachloroethane	9.16	117	5735	3.576	ng/ul#	93
20) Nitrobenzene	9.28	77	18020	3.917	ng/ul	95
21) Isophorone	9.80	82	39660	3.551	ng/ul	99
23) 2-Nitrophenol	9.99	139	7244	4.195	ng/ul#	92
24) 2,4-Dimethylphenol	10.04	107	17924	3.399	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	21537	3.567	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	14868	3.594	ng/ul	94
28) Naphthalene	10.93	128	49902	3.664	ng/ul	95
30) 4-Chloroaniline	11.03	127	18211	3.870	ng/ul	92
31) Hexachlorobutadiene	11.23	225	10883	3.685	ng/ul	92
32) Caprolactam	11.80	113	6472m	3.781	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	16444	3.383	ng/ul	93
34) 2-Methylnaphthalene	12.53	142	38514	3.788	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	36225	3.653	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	20742	3.620	ng/ul#	97
38) Hexachlorocyclopentadiene	12.88	237	10237	2.986	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.13	196	11510	3.252	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.19	196	12734	3.471	ng/ul	90
41) 1,1'-Biphenyl	13.54	154	49925	3.792	ng/ul#	95
42) 2-Chloronaphthalene	13.58	162	38923	3.853	ng/ul	97
43) 2-Nitroaniline	13.77	65	9682	3.663	ng/ul	93
45) Dimethylphthalate	14.15	163	49705	3.682	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	6661	3.531	ng/ul#	87
48) Acenaphthylene	14.42	152	58192	3.640	ng/ul	98
49) 3-Nitroaniline	14.59	138	7048	3.586	ng/ul#	80
50) Acenaphthene	14.76	153	40630	3.549	ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	2511	2.617	ng/ul	91
53) 4-Nitrophenol	14.88	109	7113	3.684	ng/ul	88
54) Dibenzofuran	15.09	168	59909	3.781	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	9685	3.712	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.31	232	11500	3.347	ng/ul#	92
57) Diethylphthalate	15.52	149	49636	3.623	ng/ul	99
59) Fluorene	15.74	166	48370	3.787	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.74	204	26605	3.823	ng/ul	94
61) 4-Nitroaniline	15.75	138	6748	2.710	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	5516	3.608	ng/ul#	41
65) N-Nitrosodiphenylamine	15.95	169	42312	3.696	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	16360	3.619	ng/ul#	90
67) Hexachlorobenzene	16.74	284	17368	3.850	ng/ul#	82
68) Atrazine	16.90	200	17247	3.652	ng/ul	96
69) Pentachlorophenol	17.08	266	8105	2.963	ng/ul	95
70) Phenanthrene	17.48	178	80871	3.808	ng/ul	99
72) Anthracene	17.58	178	81580	3.817	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	23157	3.708	ng/uL	93
74) Pentachlorobenzene	15.01	250	19779	3.638	ng/uL	98
75) Carbazole	17.84	167	74001	4.119	ng/ul	100
76) Di-n-butylphthalate	18.41	149	85750	3.653	ng/ul	98
77) Fluoranthene	19.49	202	100845	4.095	ng/ul#	95
80) Pyrene	19.85	202	100240	3.669	ng/ul#	89
81) Butylbenzylphthalate	20.74	149	35731	3.213	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.60	252	26666	2.871	ng/ul	97
83) Benzo(a)anthracene	21.69	228	105387	3.699	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	52136	3.289	ng/ul	96
85) Chrysene	21.76	228	96220	3.682	ng/ul	96
87) Di-n-octyl phthalate	22.85	149	86081	3.466	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	95864	3.663	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	97023	3.846	ng/ul#	97
91) Benzo(a)pyrene	24.79	252	87313	3.526	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.59	276	103808	3.521	ng/ul	98
93) Dibenzo(a,h)anthracene	28.67	278	86705	3.627	ng/ul	98
94) Benzo(g,h,i)perylene	29.73	276	86509	3.558	ng/ul#	94

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

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