Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036344.D
Acq On : 22 Aug 2018 15:58
Operator : JU/SJ
Sample : MDL-ME-04
Misc : 1PPM/4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-04

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:48 AM

Quant Time: Aug 22 16:36:24 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	50418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	223603	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	140731	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	349073	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	375677	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	375931	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8410	6.21	ng/uL	0.00
5) Phenol-d5	7.22	99	153815	32.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	105845	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	108817	32.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	122102	34.10	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	52562	38.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	53876	39.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	116814	31.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	157546	38.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	396519	33.70	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	478832	33.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	60760	34.91	ng/ul	0.00
58) Fluorene-d10	15.69	176	335685	32.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	39786	31.47	ng/ul	0.00
71) Anthracene-d10	17.54	188	540422	33.18	ng/ul	0.00
79) Pyrene-d10	19.82	212	629992	32.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	610655	29.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2731	1.912	ng/uL#	11
4) Benzaldehyde	7.21	77	6804	2.164	ng/ul#	85
6) Phenol	7.25	94	19128	4.080	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.49	93	14832	4.260	ng/ul	87
10) 2-Chlorophenol	7.64	128	13134	3.877	ng/ul	98
11) 2-Methylphenol	8.51	108	13657	3.824	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.61	45	29904	3.902	ng/ul#	84
14) Acetophenone	8.89	105	22805	4.155	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.88	70	12810	3.874	ng/ul#	88
16) 4-Methylphenol	8.83	108	13729	3.674	ng/ul	99
17) Hexachloroethane	9.16	117	5333	3.951	ng/ul	89
20) Nitrobenzene	9.27	77	16395	4.236	ng/ul	91
21) Isophorone	9.80	82	36451	3.880	ng/ul	95
23) 2-Nitrophenol	9.99	139	6666	4.589	ng/ul	93
24) 2,4-Dimethylphenol	10.04	107	16675	3.758	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.29	93	19166	3.773	ng/ul	95
27) 2,4-Dichlorophenol	10.51	162	13494	3.877	ng/ul#	80
28) Naphthalene	10.93	128	46868	4.090	ng/ul	98
30) 4-Chloroaniline	11.03	127	15575	3.934	ng/ul	93
31) Hexachlorobutadiene	11.22	225	10120	4.074	ng/ul	95
32) Caprolactam	11.79	113	5321m	3.695	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	15459	3.781	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	34368	4.018	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	34026	4.079 ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	18915	3.946 ng/ul#	96
38) Hexachlorocyclopentadiene	12.88	237	9951	3.469 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.13	196	11225	3.791 ng/ul	89
40) 2,4,5-Trichlorophenol	13.19	196	12107	3.945 ng/ul	95
41) 1,1'-Biphenyl	13.53	154	44881	4.075 ng/ul	95
42) 2-Chloronaphthalene	13.58	162	35189	4.164 ng/ul	98
43) 2-Nitroaniline	13.77	65	8599	3.889 ng/ul	93
45) Dimethylphthalate	14.15	163	45492	4.029 ng/ul#	98
46) 2,6-Dinitrotoluene	14.26	165	6383	4.045 ng/ul#	91
48) Acenaphthylene	14.42	152	53217	3.979 ng/ul	99
49) 3-Nitroaniline	14.59	138	6270	3.813 ng/ul#	87
50) Acenaphthene	14.76	153	37652	3.932 ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	2374	2.958 ng/ul#	90
53) 4-Nitrophenol	14.88	109	6235	3.860 ng/ul#	84
54) Dibenzofuran	15.09	168	54363	4.102 ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	8961	4.106 ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.32	232	10637	3.701 ng/ul#	95
57) Diethylphthalate	15.51	149	45867	4.003 ng/ul	98
59) Fluorene	15.74	166	43298	4.052 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	23415	4.022 ng/ul	96
61) 4-Nitroaniline	15.74	138	6053	2.906 ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.81	198	4699	3.598 ng/ul#	66
65) N-Nitrosodiphenylamine	15.95	169	38130	3.899 ng/ul	94
66) 4-Bromophenyl-phenylether	16.63	248	14771	3.826 ng/ul	97
67) Hexachlorobenzene	16.74	284	14872	3.859 ng/ul	92
68) Atrazine	16.90	200	15460	3.833 ng/ul	94
69) Pentachlorophenol	17.08	266	7597	3.251 ng/ul	88
70) Phenanthrene	17.48	178	74111	4.085 ng/ul	100
72) Anthracene	17.58	178	74884	4.102 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20816	3.903 ng/uL	95
74) Pentachlorobenzene	15.02	250	18387	3.960 ng/uL	98
75) Carbazole	17.84	167	65054	4.239 ng/ul#	94
76) Di-n-butylphthalate	18.41	149	75702	3.776 ng/ul	100
77) Fluoranthene	19.49	202	91231	4.337 ng/ul#	95
80) Pyrene	19.85	202	91473	4.018 ng/ul#	93
81) Butylbenzylphthalate	20.74	149	32308	3.487 ng/ul	88
82) 3,3'-Dichlorobenzidine	21.60	252	23435	3.028 ng/ul	95
83) Benzo(a)anthracene	21.69	228	95096	4.006 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	47358	3.585 ng/ul#	97
85) Chrysene	21.75	228	88366	4.058 ng/ul	98
87) Di-n-octyl phthalate	22.85	149	77572	3.671 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	88784	3.988 ng/ul#	96
89) Benzo(k)fluoranthene	23.98	252	85449	3.981 ng/ul#	98
91) Benzo(a)pyrene	24.79	252	81290	3.859 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	94466m	3.766 ng/ul	
93) Dibenzo(a,h)anthracene	28.67	278	78510	3.860 ng/ul#	94
94) Benzo(g,h,i)perylene	29.74	276	78511m	3.796 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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