Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036342.D
Acq On : 22 Aug 2018 14:40
Operator : JU/SJ
Sample : MDL-ME-02
Misc : 1PPM/4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-02

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:46 AM

Quant Time: Aug 22 15:24:48 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	53490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	227448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	148765	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	364145	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	393264	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	382355	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	8067	5.62	ng/uL	0.00
5) Phenol-d5	7.22	99	152422	30.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	106458	31.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	110550	30.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	122144	32.15	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	53675	38.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	51966	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	112891	30.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	155774	37.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	388213	31.21	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	473376	31.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	59276	32.22	ng/ul	0.00
58) Fluorene-d10	15.69	176	330558	30.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	39137	29.67	ng/ul	0.00
71) Anthracene-d10	17.54	188	530710	31.24	ng/ul	0.00
79) Pyrene-d10	19.82	212	622076	30.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	605521	29.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	2519	1.663	ng/uL#	11
4) Benzaldehyde	7.21	77	7415	2.223	ng/ul	94
6) Phenol	7.24	94	18115	3.642	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.49	93	14574	3.946	ng/ul#	95
10) 2-Chlorophenol	7.64	128	12127	3.374	ng/ul#	79
11) 2-Methylphenol	8.50	108	12726	3.358	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.60	45	29084	3.577	ng/ul#	84
14) Acetophenone	8.89	105	22685	3.896	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.88	70	12833	3.658	ng/ul#	84
16) 4-Methylphenol	8.83	108	14299	3.607	ng/ul	96
17) Hexachloroethane	9.16	117	5163	3.606	ng/ul	88
20) Nitrobenzene	9.27	77	15618	3.967	ng/ul	98
21) Isophorone	9.80	82	35027	3.665	ng/ul	97
23) 2-Nitrophenol	9.99	139	6750	4.568	ng/ul#	92
24) 2,4-Dimethylphenol	10.04	107	16713	3.703	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.28	93	18649	3.609	ng/ul	97
27) 2,4-Dichlorophenol	10.53	162	13253	3.744	ng/ul	97
28) Naphthalene	10.93	128	44764	3.840	ng/ul	99
30) 4-Chloroaniline	11.03	127	15647	3.885	ng/ul	99
31) Hexachlorobutadiene	11.22	225	9047	3.580	ng/ul	93
32) Caprolactam	11.81	113	5230m	3.570	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	14472	3.479	ng/ul#	93
34) 2-Methylnaphthalene	12.53	142	32908	3.783	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	32675	3.851	ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	18730	3.696	ng/ul#	94
38) Hexachlorocyclopentadiene	12.88	237	8704	2.871	ng/ul	94
39) 2,4,6-Trichlorophenol	13.13	196	9860	3.150	ng/ul	99
40) 2,4,5-Trichlorophenol	13.19	196	11327	3.492	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	44720	3.841	ng/ul#	98
42) 2-Chloronaphthalene	13.58	162	33583	3.760	ng/ul	93
43) 2-Nitroaniline	13.77	65	8164	3.493	ng/ul	84
45) Dimethylphthalate	14.15	163	44029	3.689	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	6175	3.702	ng/ul	98
48) Acenaphthylene	14.42	152	51793	3.664	ng/ul	96
49) 3-Nitroaniline	14.59	138	5484	3.155	ng/ul#	94
50) Acenaphthene	14.76	153	36888	3.644	ng/ul	97
51) 2,4-Dinitrophenol	14.79	184	2255	2.658	ng/ul#	89
53) 4-Nitrophenol	14.88	109	6064	3.552	ng/ul#	77
54) Dibenzofuran	15.10	168	51962	3.709	ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	8231	3.568	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.31	232	9385	3.089	ng/ul#	83
57) Diethylphthalate	15.51	149	44283	3.656	ng/ul	99
59) Fluorene	15.74	166	41805	3.701	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	22661	3.682	ng/ul	98
61) 4-Nitroaniline	15.74	138	5959	2.706	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.80	198	4623	3.393	ng/ul#	49
65) N-Nitrosodiphenylamine	15.95	169	37796	3.705	ng/ul	94
66) 4-Bromophenyl-phenylether	16.64	248	14146	3.512	ng/ul	92
67) Hexachlorobenzene	16.74	284	14968	3.723	ng/ul#	89
68) Atrazine	16.89	200	15301	3.636	ng/ul	97
69) Pentachlorophenol	17.09	266	7095	2.911	ng/ul	94
70) Phenanthrene	17.48	178	73245	3.871	ng/ul	97
72) Anthracene	17.58	178	72814	3.824	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20956	3.766	ng/uL	98
74) Pentachlorobenzene	15.01	250	17767	3.668	ng/uL	97
75) Carbazole	17.84	167	63547	3.970	ng/ul	97
76) Di-n-butylphthalate	18.41	149	74302	3.552	ng/ul#	98
77) Fluoranthene	19.49	202	87985	4.010	ng/ul#	93
80) Pyrene	19.85	202	88405	3.710	ng/ul#	90
81) Butylbenzylphthalate	20.74	149	32750	3.376	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.61	252	23655	2.920	ng/ul	94
83) Benzo(a)anthracene	21.69	228	92689	3.730	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	48105	3.479	ng/ul	97
85) Chrysene	21.76	228	84518	3.708	ng/ul	97
87) Di-n-octyl phthalate	22.85	149	77880	3.624	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	83113	3.671	ng/ul#	98
89) Benzo(k)fluoranthene	23.97	252	80469	3.686	ng/ul#	97
91) Benzo(a)pyrene	24.79	252	78582	3.668	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.59	276	91776m	3.598	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	76727m	3.709	ng/ul	
94) Benzo(g,h,i)perylene	29.74	276	76581	3.640	ng/ul#	94

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

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