Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081718\
Data File : BG036321.D
Acq On : 17 Aug 2018 16:14
Operator : JU/SJ
Sample : MDL-S-07
Misc : 1PPM/4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Manual Integrations APPROVED
Sohil
8/17/2018 6:44:14 PM

Quant Time: Aug 17 16:50:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 17 14:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	151429	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	113115	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	314735	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	344034	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	330938	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6559	6.36	ng/uL	0.00
5) Phenol-d5	7.22	99	115813	29.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	85021	31.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	69061	31.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	89828	31.25	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	32664	36.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	29644	33.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	78520	28.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	99051	37.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	301216	31.30	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	353345	30.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	38773	32.59	ng/ul	0.00
58) Fluorene-d10	15.70	176	269055	30.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	28421	27.38	ng/ul	0.00
71) Anthracene-d10	17.55	188	444681	30.52	ng/ul	0.00
79) Pyrene-d10	19.82	212	547159	30.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	501512	28.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2140m	1.686	ng/uL	
4) Benzaldehyde	7.22	77	6706	2.096	ng/ul#	71
6) Phenol	7.25	94	13717	3.435	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.49	93	11021	3.757	ng/ul#	81
10) 2-Chlorophenol	7.64	128	8370	3.819	ng/ul#	87
11) 2-Methylphenol	8.51	108	9371	3.232	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.62	45	13308m	3.656	ng/ul	
14) Acetophenone	8.90	105	17333	3.614	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.88	70	11908	3.781	ng/ul#	85
16) 4-Methylphenol	8.84	108	11282	3.777	ng/ul	85
17) Hexachloroethane	9.17	117	3822	3.545	ng/ul#	70
20) Nitrobenzene	9.28	77	14863	4.267	ng/ul#	85
21) Isophorone	9.80	82	29073	3.439	ng/ul#	94
23) 2-Nitrophenol	9.99	139	3747	3.888	ng/ul#	35
24) 2,4-Dimethylphenol	10.04	107	14163	3.691	ng/ul#	74
25) Bis(2-Chloroethoxy)methane	10.29	93	13358	3.323	ng/ul#	87
27) 2,4-Dichlorophenol	10.53	162	9650	4.067	ng/ul#	89
28) Naphthalene	10.94	128	26326	3.447	ng/ul#	91
30) 4-Chloroaniline	11.04	127	9260	3.535	ng/ul	99
31) Hexachlorobutadiene	11.23	225	8525	3.673	ng/ul	91
32) Caprolactam	11.81	113	3181m	3.061	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	11406	3.450	ng/ul#	81
34) 2-Methylnaphthalene	12.54	142	20989	3.596	ng/ul	89

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35) 1-Methylnaphthalene	12.76	142	19914	3.517	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	15909	3.475	ng/ul	86
38) Hexachlorocyclopentadiene	12.88	237	7596	3.080	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.14	196	7917	3.298	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	9153m	3.421	ng/ul	
41) 1,1'-Biphenyl	13.54	154	31595	3.760	ng/ul	95
42) 2-Chloronaphthalene	13.58	162	22782	3.449	ng/ul	94
43) 2-Nitroaniline	13.78	65	7228	3.667	ng/ul#	71
45) Dimethylphthalate	14.16	163	32784	3.467	ng/ul#	99
46) 2,6-Dinitrotoluene	14.27	165	4748	3.705	ng/ul#	82
48) Acenaphthylene	14.42	152	35728	3.538	ng/ul	95
49) 3-Nitroaniline	14.59	138	4200	3.437	ng/ul#	89
50) Acenaphthene	14.76	153	25740	3.554	ng/ul	91
51) 2,4-Dinitrophenol	14.80	184	2285	3.236	ng/ul	93
53) 4-Nitrophenol	14.89	109	6705	3.840	ng/ul#	59
54) Dibenzofuran	15.10	168	36313	3.503	ng/ul#	84
55) 2,4-Dinitrotoluene	15.05	165	5476	3.147	ng/ul#	64
56) 2,3,4,6-Tetrachlorophenol	15.31	232	7069	3.293	ng/ul#	89
57) Diethylphthalate	15.52	149	31027	3.322	ng/ul	96
59) Fluorene	15.75	166	30701	3.417	ng/ul#	91
60) 4-Chlorophenyl-phenylether	15.74	204	18034	3.316	ng/ul#	77
61) 4-Nitroaniline	15.75	138	4459	2.660	ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.81	198	3609	3.227	ng/ul#	87
65) N-Nitrosodiphenylamine	15.96	169	28280	3.427	ng/ul	91
66) 4-Bromophenyl-phenylether	16.64	248	13179	3.615	ng/ul#	87
67) Hexachlorobenzene	16.74	284	14371	3.737	ng/ul#	88
68) Atrazine	16.90	200	11001	3.044	ng/ul	89
69) Pentachlorophenol	17.09	266	5090	2.660	ng/ul	96
70) Phenanthrene	17.49	178	55335	3.519	ng/ul	98
72) Anthracene	17.58	178	56649	3.594	ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	18168	3.637	ng/uL	98
74) Pentachlorobenzene	15.02	250	15596	3.556	ng/uL	85
75) Carbazole	17.84	167	45927	3.571	ng/ul#	95
76) Di-n-butylphthalate	18.42	149	49641	3.341	ng/ul#	96
77) Fluoranthene	19.49	202	74041	3.623	ng/ul#	96
80) Pyrene	19.85	202	76672	3.557	ng/ul	97
81) Butylbenzylphthalate	20.75	149	19818	3.077	ng/ul#	71
82) 3,3'-Dichlorobenzidine	21.61	252	17101	2.366	ng/ul	96
83) Benzo(a)anthracene	21.70	228	76747	3.501	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	29185	3.252	ng/ul#	91
85) Chrysene	21.76	228	73000	3.575	ng/ul	98
87) Di-n-octyl phthalate	22.86	149	45164	2.968	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	73316m	3.499	ng/ul	
89) Benzo(k)fluoranthene	23.99	252	72638	3.637	ng/ul	99
91) Benzo(a)pyrene	24.79	252	67518	3.441	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	76147m	3.388	ng/ul	
93) Dibenzo(a,h)anthracene	28.69	278	63498m	3.427	ng/ul	
94) Benzo(g,h,i)perylene	29.76	276	64054m	3.443	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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