Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036335.D
Acq On : 22 Aug 2018 10:07
Operator : JU/SJ
Sample : MDL-W-02
Misc : 1PPM/4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-W-02

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:40 AM

Quant Time: Aug 22 10:45:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:23:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	228787	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	143788	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	359078	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	394332	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	386568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7942	5.64	ng/uL	0.00
5) Phenol-d5	7.22	99	147288	30.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	104615	31.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	108118	30.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	117494	31.55	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	49216	35.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	50157	35.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	109620	29.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	152047	36.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	375591	31.24	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	452826	31.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	56972	32.04	ng/ul	0.00
58) Fluorene-d10	15.69	176	317211	30.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	37754	29.03	ng/ul	0.00
71) Anthracene-d10	17.54	188	508272	30.34	ng/ul	0.00
79) Pyrene-d10	19.82	212	603885	29.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	587196	27.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2371	1.596	ng/uL#	25
4) Benzaldehyde	7.21	77	7194	2.200	ng/ul	96
6) Phenol	7.24	94	17858	3.662	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.49	93	14648	4.045	ng/ul#	84
10) 2-Chlorophenol	7.64	128	12788	3.629	ng/ul#	86
11) 2-Methylphenol	8.51	108	13075	3.520	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.61	45	30048	3.770	ng/ul#	85
14) Acetophenone	8.89	105	22994	4.028	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.88	70	12003	3.490	ng/ul#	75
16) 4-Methylphenol	8.83	108	13901	3.577	ng/ul	90
17) Hexachloroethane	9.16	117	5397	3.845	ng/ul	87
20) Nitrobenzene	9.28	77	15984	4.036	ng/ul	96
21) Isophorone	9.80	82	35085	3.650	ng/ul	97
23) 2-Nitrophenol	9.99	139	6360	4.279	ng/ul	95
24) 2,4-Dimethylphenol	10.04	107	16045	3.534	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.29	93	18906	3.638	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	12533	3.520	ng/ul	89
28) Naphthalene	10.93	128	43274	3.691	ng/ul	97
30) 4-Chloroaniline	11.04	127	14982	3.699	ng/ul	92
31) Hexachlorobutadiene	11.23	225	9630	3.788	ng/ul	87
32) Caprolactam	11.81	113	4978	3.378	ng/ul	83
33) 4-Chloro-3-methylphenol	12.14	107	14426	3.448	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	33571	3.836	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	32846	3.848	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	17532	3.580	ng/ul#	97
38) Hexachlorocyclopentadiene	12.88	237	9204	3.141	ng/ul	95
39) 2,4,6-Trichlorophenol	13.12	196	10104	3.340	ng/ul	95
40) 2,4,5-Trichlorophenol	13.19	196	11642	3.713	ng/ul	91
41) 1,1'-Biphenyl	13.54	154	42342	3.763	ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	32796	3.799	ng/ul	93
43) 2-Nitroaniline	13.77	65	8666	3.836	ng/ul	88
45) Dimethylphthalate	14.15	163	43037	3.730	ng/ul	97
46) 2,6-Dinitrotoluene	14.26	165	5723	3.550	ng/ul	90
48) Acenaphthylene	14.42	152	50547	3.699	ng/ul	98
49) 3-Nitroaniline	14.59	138	5462	3.251	ng/ul#	76
50) Acenaphthene	14.76	153	35366	3.615	ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	2182	2.661	ng/ul#	24
53) 4-Nitrophenol	14.89	109	6352	3.849	ng/ul	89
54) Dibenzofuran	15.10	168	51925	3.834	ng/ul	90
55) 2,4-Dinitrotoluene	15.05	165	7491	3.359	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.32	232	9876	3.363	ng/ul#	81
57) Diethylphthalate	15.52	149	43170	3.687	ng/ul	96
59) Fluorene	15.74	166	40425	3.703	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	21706	3.649	ng/ul	96
61) 4-Nitroaniline	15.74	138	5841	2.744	ng/ul#	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	4651	3.462	ng/ul#	45
65) N-Nitrosodiphenylamine	15.95	169	37686	3.746	ng/ul	98
66) 4-Bromophenyl-phenylether	16.63	248	13914	3.503	ng/ul#	87
67) Hexachlorobenzene	16.74	284	14313	3.611	ng/ul#	89
68) Atrazine	16.90	200	15748	3.795	ng/ul	96
69) Pentachlorophenol	17.08	266	6744	2.806	ng/ul	89
70) Phenanthrene	17.48	178	70547	3.781	ng/ul	97
72) Anthracene	17.58	178	70441	3.751	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	19490	3.552	ng/uL	93
74) Pentachlorobenzene	15.02	250	16801	3.517	ng/uL	98
75) Carbazole	17.84	167	62224	3.942	ng/ul	96
76) Di-n-butylphthalate	18.41	149	74795	3.627	ng/ul	99
77) Fluoranthene	19.49	202	86965	4.019	ng/ul#	94
80) Pyrene	19.85	202	87068	3.644	ng/ul#	90
81) Butylbenzylphthalate	20.74	149	33736	3.468	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	24496	3.016	ng/ul	94
83) Benzo(a)anthracene	21.69	228	92633	3.718	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	48380	3.489	ng/ul	92
85) Chrysene	21.76	228	83644	3.660	ng/ul	98
87) Di-n-octyl phthalate	22.85	149	81214	3.738	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	84109m	3.674	ng/ul	
89) Benzo(k)fluoranthene	23.98	252	80478	3.646	ng/ul	100
91) Benzo(a)pyrene	24.79	252	76750	3.543	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.58	276	91643m	3.553	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	74539	3.564	ng/ul	96
94) Benzo(g,h,i)perylene	29.73	276	76951	3.618	ng/ul#	95

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

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