Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082218\
Data File : BG036337.D
Acq On : 22 Aug 2018 11:25
Operator : JU/SJ
Sample : MDL-W-04
Misc : 1PPM/4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-04

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:42 AM

Quant Time: Aug 22 12:06:02 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	52323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	227884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	144444	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	352380	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	380441	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	372739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8189	5.83	ng/uL	0.00
5) Phenol-d5	7.22	99	153260	31.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	108919	32.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	110897	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	124094	33.40	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	52648	37.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	53258	38.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	113518	30.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	161215	38.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	392397	32.49	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	480570	33.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	61121	34.21	ng/ul	0.00
58) Fluorene-d10	15.69	176	334074	31.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	40263	31.55	ng/ul	0.00
71) Anthracene-d10	17.54	188	532624	32.40	ng/ul	0.00
79) Pyrene-d10	19.82	212	628778	32.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	597011	29.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2436	1.644	ng/uL#	29
4) Benzaldehyde	7.21	77	8338	2.555	ng/ul	98
6) Phenol	7.25	94	20195	4.151	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.49	93	15694	4.344	ng/ul#	85
10) 2-Chlorophenol	7.63	128	13885	3.949	ng/ul#	84
11) 2-Methylphenol	8.50	108	13994	3.775	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.61	45	31986	4.022	ng/ul#	90
14) Acetophenone	8.90	105	24320	4.269	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.88	70	14009	4.082	ng/ul#	86
16) 4-Methylphenol	8.83	108	14803	3.818	ng/ul	91
17) Hexachloroethane	9.17	117	5197	3.711	ng/ul	91
20) Nitrobenzene	9.28	77	17878	4.532	ng/ul	95
21) Isophorone	9.80	82	38363	4.006	ng/ul	99
23) 2-Nitrophenol	9.99	139	6819	4.606	ng/ul	91
24) 2,4-Dimethylphenol	10.04	107	18135	4.011	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	20397	3.940	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	14237	4.014	ng/ul#	77
28) Naphthalene	10.93	128	48073	4.116	ng/ul	99
30) 4-Chloroaniline	11.03	127	17209	4.265	ng/ul	94
31) Hexachlorobutadiene	11.22	225	10039	3.965	ng/ul	97
32) Caprolactam	11.80	113	6162m	4.199	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	16723	4.013	ng/ul	96
34) 2-Methylnaphthalene	12.53	142	36712	4.212	ng/ul	96

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35) 1-Methylnaphthalene	12.75	142	35366	4.160	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	20101	4.085	ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	10161	3.452	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.13	196	11678	3.843	ng/ul	95
40) 2,4,5-Trichlorophenol	13.20	196	12216	3.878	ng/ul	95
41) 1,1'-Biphenyl	13.54	154	48041	4.250	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	37502	4.324	ng/ul	95
43) 2-Nitroaniline	13.77	65	9538	4.203	ng/ul#	76
45) Dimethylphthalate	14.15	163	48018	4.143	ng/ul#	98
46) 2,6-Dinitrotoluene	14.27	165	6292	3.885	ng/ul#	84
48) Acenaphthylene	14.42	152	56264	4.099	ng/ul	98
49) 3-Nitroaniline	14.58	138	6109	3.620	ng/ul#	90
50) Acenaphthene	14.77	153	39035	3.972	ng/ul	96
51) 2,4-Dinitrophenol	14.80	184	2407	2.922	ng/ul#	70
53) 4-Nitrophenol	14.88	109	7130	4.301	ng/ul#	82
54) Dibenzofuran	15.09	168	55050	4.047	ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	8368	3.736	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.32	232	10560	3.580	ng/ul#	87
57) Diethylphthalate	15.52	149	48534	4.126	ng/ul	99
59) Fluorene	15.74	166	45442	4.143	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	24096	4.032	ng/ul	98
61) 4-Nitroaniline	15.74	138	6504	3.042	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.81	198	5249	3.982	ng/ul#	69
65) N-Nitrosodiphenylamine	15.95	169	41563	4.210	ng/ul	95
66) 4-Bromophenyl-phenylether	16.63	248	15810	4.056	ng/ul	94
67) Hexachlorobenzene	16.75	284	16052	4.126	ng/ul#	89
68) Atrazine	16.89	200	16175	3.972	ng/ul	99
69) Pentachlorophenol	17.09	266	8327	3.530	ng/ul	94
70) Phenanthrene	17.49	178	78963	4.312	ng/ul	98
72) Anthracene	17.57	178	77628	4.213	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	21620	4.015	ng/uL	97
74) Pentachlorobenzene	15.01	250	19488	4.158	ng/uL	95
75) Carbazole	17.84	167	69465	4.484	ng/ul	98
76) Di-n-butylphthalate	18.41	149	81837	4.043	ng/ul#	98
77) Fluoranthene	19.48	202	96293	4.535	ng/ul#	95
80) Pyrene	19.85	202	95514	4.143	ng/ul#	95
81) Butylbenzylphthalate	20.75	149	35408	3.773	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.60	252	25680	3.277	ng/ul	95
83) Benzo(a)anthracene	21.69	228	99813	4.152	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	52545	3.928	ng/ul	95
85) Chrysene	21.76	228	91422	4.146	ng/ul	98
87) Di-n-octyl phthalate	22.85	149	84865	4.051	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	89275	4.045	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	89983	4.228	ng/ul#	98
91) Benzo(a)pyrene	24.79	252	82997	3.974	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.60	276	99637m	4.006	ng/ul	
93) Dibenzo(a,h)anthracene	28.67	278	80833	4.009	ng/ul#	95
94) Benzo(g,h,i)perylene	29.74	276	82172	4.007	ng/ul#	90

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

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