Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032221\
Data File : BM029177.D
Acq On : 22 Mar 2021 14:12
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
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Quant Time: Mar 22 14:49:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 22 14:22:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	98866	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	382289	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	231530	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	486173	20.00	ng/ul	0.00
79) Chrysene-d12	21.29	240	523222	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	556091	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	10854	4.31	ng/uL	0.00
4) Pyridine-d5	3.69	84	168050	25.56	ng/ul	0.00
7) Phenol-d5	6.93	99	254135	32.55	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	164980	36.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	206255	33.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	194574	32.11	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	88541	36.41	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	86031	37.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	188840	31.09	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	259266	30.17	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	570269	32.66	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	710985	34.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	87690	30.84	ng/ul	0.00
60) Fluorene-d10	15.38	176	491775	32.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	64140	27.98	ng/ul	0.00
73) Anthracene-d10	17.23	188	745652	32.12	ng/ul	0.00
81) Pyrene-d10	19.51	212	834547	34.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1006784	34.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	2760	1.093	ng/uL	92
5) Pyridine	3.72	79	30114	4.459	ng/ul#	56
6) Benzaldehyde	6.92	77	23197	5.536	ng/ul	94
8) Phenol	6.96	94	38763	4.724	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.20	93	27862	4.595	ng/ul	98
12) 2-Chlorophenol	7.34	128	29993	4.626	ng/ul	98
13) 2-Methylphenol	8.20	108	25748	4.254	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.30	45	40447	5.089	ng/ul	98
16) Acetophenone	8.59	105	44669	4.510	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.57	70	22212	4.715	ng/ul	97
18) 4-Methylphenol	8.53	108	29375	4.570	ng/ul	96
19) Hexachloroethane	8.85	117	12420	4.473	ng/ul	96
22) Nitrobenzene	8.96	77	35910	5.065	ng/ul	98
23) Isophorone	9.49	82	55871	4.411	ng/ul	97
25) 2-Nitrophenol	9.67	139	13839	5.182	ng/ul	99
26) 2,4-Dimethylphenol	9.73	107	32044	4.415	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.97	93	35601	4.705	ng/ul	98
29) 2,4-Dichlorophenol	10.19	162	28701	4.668	ng/ul	92
30) Naphthalene	10.60	128	94840	4.579	ng/ul	99
32) 4-Chloroaniline	10.70	127	39224	4.488	ng/ul	98
33) Hexachlorobutadiene	10.89	225	18116	4.104	ng/ul	90
34) Caprolactam	11.50	113	5738m	3.672	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	25473	4.265	ng/ul	94
36) 2-Methylnaphthalene	12.21	142	66207	4.525	ng/ul	98
37) 1-Methylnaphthalene	12.43	142	64120	4.439	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	32623	4.078	ng/ul#	98
40) Hexachlorocyclopentadiene	12.57	237	18933	3.603	ng/ul	92
41) 2,4,6-Trichlorophenol	12.82	196	16936	3.850	ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	19782	4.223	ng/ul	94
43) 1,1'-Biphenyl	13.23	154	86456	4.587	ng/ul	98
44) 2-Chloronaphthalene	13.26	162	65791	4.421	ng/ul	98
45) 2-Nitroaniline	13.46	65	13528	4.238	ng/ul	91
47) Dimethylphthalate	13.85	163	82209	4.600	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	11275	4.054	ng/ul#	88
50) Acenaphthylene	14.11	152	98154	4.598	ng/ul	98
51) 3-Nitroaniline	14.29	138	11798	3.835	ng/ul#	93
52) Acenaphthene	14.46	153	71477	4.509	ng/ul	98
53) 2,4-Dinitrophenol	14.49	184	4971	3.330	ng/ul#	75
55) 4-Nitrophenol	14.59	109	12428	4.593	ng/ul	86
56) Dibenzofuran	14.79	168	99062	4.496	ng/ul	97
57) 2,4-Dinitrotoluene	14.74	165	17787	4.481	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.01	232	14444	3.848	ng/ul	92
59) Diethylphthalate	15.22	149	77520	4.405	ng/ul	100
61) Fluorene	15.44	166	83308	4.519	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.43	204	40836	4.414	ng/ul	96
63) 4-Nitroaniline	15.44	138	11773	3.667	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.50	198	10536	4.370	ng/ul#	84
67) N-Nitrosodiphenylamine	15.64	169	68600	4.417	ng/ul	94
68) 4-Bromophenyl-phenylether	16.33	248	21722	4.199	ng/ul	93
69) Hexachlorobenzene	16.43	284	25420	4.411	ng/ul	94
70) Atrazine	16.59	200	22575	3.794	ng/ul	99
71) Pentachlorophenol	16.77	266	10127	3.094	ng/ul#	87
72) Phenanthrene	17.17	178	129060	4.496	ng/ul	100
74) Anthracene	17.26	178	133434	4.524	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	32862	4.185	ng/uL	100
76) Pentachlorobenzene	14.71	250	30333	3.957	ng/uL	95
77) Carbazole	17.52	167	113213	4.170	ng/ul	98
78) Di-n-butylphthalate	18.10	149	110648	3.946	ng/ul	98
80) Fluoranthene	19.18	202	140453	4.477	ng/ul	99
82) Pyrene	19.54	202	157861	4.800	ng/ul#	96
83) Butylbenzylphthalate	20.44	149	43363	3.752	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.21	252	37761	3.485	ng/ul	93
85) Benzo(a)anthracene	21.28	228	149984	4.443	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.23	149	68523	3.609	ng/ul	99
87) Chrysene	21.33	228	149427	4.528	ng/ul	100
89) Di-n-octyl phthalate	22.10	149	116986	3.298	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	163596	4.552	ng/ul	97
91) Benzo(k)fluoranthene	22.90	252	154383	4.299	ng/ul	99
93) Benzo(a)pyrene	23.43	252	149294	4.584	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.79	276	191995	4.384	ng/ul	98
95) Dibenzo(a,h)anthracene	25.80	278	161946	4.383	ng/ul	96
96) Benzo(g,h,i)perylene	26.48	276	155716	4.335	ng/ul	98

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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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