Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031921\
Data File : BM029169.D
Acq On : 19 Mar 2021 14:14
Operator : CG/JU
Sample : M1344-01
Misc : SFAM-MDL-W-01
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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Quant Time: Mar 19 14:48:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 19 12:41:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	78840	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	298411	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	188067	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	415855	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	469859	20.00	ng/ul	0.00
88) Perylene-d12	23.54	264	507789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8462	4.22	ng/uL	0.00
4) Pyridine-d5	3.69	84	133829	25.53	ng/ul	0.00
7) Phenol-d5	6.93	99	192704	30.95	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	120556	33.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	160054	33.03	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	148805	30.79	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	65993	34.77	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	64523	35.66	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	149696	31.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	201701	30.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	474357	33.44	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	571460	34.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	68280	29.56	ng/ul	0.00
60) Fluorene-d10	15.39	176	405955	33.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	51332	26.18	ng/ul	0.00
73) Anthracene-d10	17.23	188	634965	31.97	ng/ul	0.00
81) Pyrene-d10	19.52	212	731037	33.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	908098	33.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	2710	1.346	ng/uL	92
5) Pyridine	3.71	79	22723	4.219	ng/ul#	54
6) Benzaldehyde	6.92	77	17386	5.203	ng/ul	95
8) Phenol	6.96	94	29265	4.472	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.20	93	21495	4.445	ng/ul	93
12) 2-Chlorophenol	7.33	128	23603	4.565	ng/ul	99
13) 2-Methylphenol	8.20	108	20005	4.144	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.30	45	29024	4.580	ng/ul	97
16) Acetophenone	8.59	105	34981	4.429	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.57	70	17026	4.532	ng/ul	98
18) 4-Methylphenol	8.53	108	22209	4.333	ng/ul	97
19) Hexachloroethane	8.85	117	9768	4.411	ng/ul	92
22) Nitrobenzene	8.96	77	27664	4.999	ng/ul	94
23) Isophorone	9.49	82	43914	4.442	ng/ul	99
25) 2-Nitrophenol	9.67	139	10402	4.990	ng/ul	94
26) 2,4-Dimethylphenol	9.73	107	25589	4.517	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.97	93	26382	4.467	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	22129	4.611	ng/ul	91
30) Naphthalene	10.60	128	73966	4.575	ng/ul	99
32) 4-Chloroaniline	10.70	127	30205	4.427	ng/ul	100
33) Hexachlorobutadiene	10.89	225	15140	4.393	ng/ul	97
34) Caprolactam	11.48	113	4687m	3.843	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	20458	4.388 ng/ul	96
36) 2-Methylnaphthalene	12.22	142	52871	4.629 ng/ul	95
37) 1-Methylnaphthalene	12.43	142	51078	4.530 ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	27998	4.309 ng/ul	98
40) Hexachlorocyclopentadiene	12.57	237	15752	3.690 ng/ul	93
41) 2,4,6-Trichlorophenol	12.82	196	14765	4.132 ng/ul	91
42) 2,4,5-Trichlorophenol	12.89	196	17217	4.525 ng/ul	84
43) 1,1'-Biphenyl	13.23	154	67276	4.394 ng/ul#	97
44) 2-Chloronaphthalene	13.27	162	51985	4.301 ng/ul	99
45) 2-Nitroaniline	13.47	65	10890	4.200 ng/ul	96
47) Dimethylphthalate	13.86	163	66203	4.560 ng/ul	98
48) 2,6-Dinitrotoluene	13.96	165	9341	4.134 ng/ul	97
50) Acenaphthylene	14.12	152	79779	4.600 ng/ul	99
51) 3-Nitroaniline	14.29	138	9380	3.754 ng/ul	98
52) Acenaphthene	14.46	153	56940	4.422 ng/ul	98
53) 2,4-Dinitrophenol	14.50	184	3981	3.284 ng/ul	90
55) 4-Nitrophenol	14.59	109	9481	4.314 ng/ul#	80
56) Dibenzofuran	14.79	168	81897	4.576 ng/ul	100
57) 2,4-Dinitrotoluene	14.75	165	13632	4.228 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.02	232	12429	4.076 ng/ul#	92
59) Diethylphthalate	15.22	149	64224	4.493 ng/ul	97
61) Fluorene	15.44	166	68085	4.547 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	33222	4.420 ng/ul	94
63) 4-Nitroaniline	15.44	138	10181	3.904 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.51	198	7915	3.838 ng/ul#	84
67) N-Nitrosodiphenylamine	15.65	169	55624	4.187 ng/ul	95
68) 4-Bromophenyl-phenylether	16.33	248	18671	4.219 ng/ul	93
69) Hexachlorobenzene	16.44	284	22095	4.482 ng/ul	98
70) Atrazine	16.60	200	19064	3.746 ng/ul	97
71) Pentachlorophenol	16.77	266	9062	3.237 ng/ul	96
72) Phenanthrene	17.17	178	111110	4.526 ng/ul	99
74) Anthracene	17.26	178	113498	4.499 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	28309	4.215 ng/uL	99
76) Pentachlorobenzene	14.71	250	25361	3.868 ng/uL	98
77) Carbazole	17.53	167	98260	4.232 ng/ul	98
78) Di-n-butylphthalate	18.10	149	93459	3.897 ng/ul	98
80) Fluoranthene	19.18	202	125740	4.463 ng/ul	99
82) Pyrene	19.54	202	139777	4.733 ng/ul#	98
83) Butylbenzylphthalate	20.45	149	37997	3.662 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.22	252	38058	3.911 ng/ul	94
85) Benzo(a)anthracene	21.28	228	133593	4.407 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	59331	3.479 ng/ul	100
87) Chrysene	21.33	228	136686	4.612 ng/ul	99
89) Di-n-octyl phthalate	22.11	149	99707	3.078 ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	149227	4.547 ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	140193	4.275 ng/ul	100
93) Benzo(a)pyrene	23.44	252	134618	4.527 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.80	276	173518	4.339 ng/ul	98
95) Dibenzo(a,h)anthracene	25.81	278	144432	4.281 ng/ul	99
96) Benzo(g,h,i)perylene	26.49	276	143966	4.390 ng/ul	99

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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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