Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
Data File : VN067640.D
Acq On : 7 Jul 2021 17:56
Operator : JC/MD
Sample : M2940-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/8/2021 6:03:10 PM

Quant Time: Jul 08 07:31:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 08 07:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	338251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	641090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	588245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277433	54.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.540%			
35) Dibromofluoromethane	8.024	113	191656	49.481	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.960%			
50) Toluene-d8	10.443	98	795396	49.060	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.734	95	245964	42.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	855	0.297	ug/l #	43
3) Chloromethane	2.303	50	1927	0.423	ug/l	98
4) Vinyl Chloride	2.446	62	1860	0.271	ug/l #	87
5) Bromomethane	2.872	94	3850m	0.679	ug/l	
6) Chloroethane	3.019	64	1691	0.332	ug/l #	78
7) Trichlorofluoromethane	3.376	101	3717	0.291	ug/l	99
10) Methyl Iodide	4.433	142	958m	0.257	ug/l	
11) Tert butyl alcohol	5.396	59	1062m	1.446	ug/l	
13) Acrolein	4.044	56	1030m	2.611	ug/l	
14) Allyl chloride	4.835	41	1332m	0.241	ug/l	
15) Acrylonitrile	5.567	53	2256m	1.238	ug/l	
16) Acetone	4.299	43	3995m	2.484	ug/l	
17) Carbon Disulfide	4.519	76	3274	0.393	ug/l #	72
18) Methyl Acetate	4.881	43	2458m	0.544	ug/l	
19) Methyl tert-butyl Ether	5.629	73	3004m	0.241	ug/l	
20) Methylene Chloride	5.095	84	2479	0.583	ug/l #	92
21) trans-1,2-Dichloroethene	5.597	96	904m	0.254	ug/l	
22) Diisopropyl ether	6.501	45	2638m	0.210	ug/l	
23) Vinyl Acetate	6.442	43	11536m	1.076	ug/l	
24) 1,1-Dichloroethane	6.391	63	1702m	0.243	ug/l	
25) 2-Butanone	7.359	43	4716m	1.766	ug/l	
26) 2,2-Dichloropropane	7.332	77	1991m	0.326	ug/l	
27) cis-1,2-Dichloroethene	7.335	96	981m	0.220	ug/l	
28) Bromochloromethane	7.659	49	732	0.214	ug/l #	92
29) Tetrahydrofuran	7.708	42	2299m	1.309	ug/l	
30) Chloroform	7.817	83	2123	0.270	ug/l #	82
31) Cyclohexane	8.091	56	11194	1.562	ug/l #	43
32) 1,1,1-Trichloroethane	8.013	97	1515m	0.222	ug/l	
36) 1,1-Dichloropropene	8.220	75	1732	0.291	ug/l #	77
37) Ethyl Acetate	7.429	43	1789m	0.310	ug/l	
38) Carbon Tetrachloride	8.206	117	1360m	0.232	ug/l	
39) Methylcyclohexane	9.464	83	1438	0.221	ug/l #	81
40) Benzene	8.461	78	4399	0.247	ug/l #	66
41) Methacrylonitrile	7.646	41	1069m	0.360	ug/l	
42) 1,2-Dichloroethane	8.534	62	2230	0.337	ug/l #	79
43) Isopropyl Acetate	8.571	43	2643	0.260	ug/l #	76

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Trichloroethene	9.220	130	1217	0.269	ug/l		84
45) 1,2-Dichloropropane	9.494	63	1036	0.230	ug/l		93
46) Dibromomethane	9.577	93	832m	0.260	ug/l		
47) Bromodichloromethane	9.762	83	1264	0.202	ug/l	#	94
48) Methyl methacrylate	9.558	41	1266m	0.282	ug/l		
49) 1,4-Dioxane	9.580	88	194	2.493	ug/l	#	31
51) 4-Methyl-2-Pentanone	10.336	43	8066	1.294	ug/l		100
52) Toluene	10.505	92	3297	0.282	ug/l		84
53) t-1,3-Dichloropropene	10.725	75	1490	0.232	ug/l	#	78
55) 1,1,2-Trichloroethane	10.899	97	1198	0.268	ug/l	#	79
56) Ethyl methacrylate	10.765	69	1563	0.227	ug/l	#	81
57) 1,3-Dichloropropane	11.052	76	1663	0.217	ug/l		95
58) 2-Chloroethyl Vinyl ether	10.049	63	2809	1.965	ug/l		99
59) 2-Hexanone	11.089	43	6749	1.551	ug/l		94
60) Dibromochloromethane	11.237	129	910m	0.200	ug/l		
64) Tetrachloroethene	10.980	164	1153	0.278	ug/l	#	79
65) Chlorobenzene	11.771	112	3048	0.252	ug/l		89
67) Ethyl Benzene	11.848	91	5439	0.247	ug/l		96
68) m/p-Xylenes	11.956	106	4022	0.483	ug/l		83
69) o-Xylene	12.286	106	1829	0.224	ug/l		89
70) Styrene	12.296	104	3045	0.233	ug/l	#	90
73) Isopropylbenzene	12.581	105	4720	0.274	ug/l		98
74) N-amyl acetate	12.388	43	2532	0.406	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.827	83	1390	0.278	ug/l	#	93
76) 1,2,3-Trichloropropane	12.889	75	1065m	0.244	ug/l		
77) Bromobenzene	12.862	156	1105	0.290	ug/l		90
78) n-propylbenzene	12.927	91	6458	0.332	ug/l		95
79) 2-Chlorotoluene	13.007	91	4038	0.343	ug/l		88
80) 1,3,5-Trimethylbenzene	13.063	105	4067	0.292	ug/l		89
82) 4-Chlorotoluene	13.109	91	4289	0.369	ug/l		93
83) tert-Butylbenzene	13.326	119	3469	0.292	ug/l		86
84) 1,2,4-Trimethylbenzene	13.366	105	4277	0.313	ug/l		100
85) sec-Butylbenzene	13.503	105	4948	0.301	ug/l		96
86) p-Isopropyltoluene	13.619	119	3470	0.261	ug/l		94
87) 1,3-Dichlorobenzene	13.619	146	2731	0.386	ug/l		89
88) 1,4-Dichlorobenzene	13.694	146	2939m	0.406	ug/l		
89) n-Butylbenzene	13.946	91	4507	0.396	ug/l		92
91) 1,2-Dichlorobenzene	13.994	146	2589	0.380	ug/l		87
93) 1,2,4-Trichlorobenzene	15.265	180	1643	0.559	ug/l		88
94) Hexachlorobutadiene	15.373	225	474	0.331	ug/l		80
95) Naphthalene	15.504	128	7935	0.959	ug/l	#	90
96) 1,2,3-Trichlorobenzene	15.700	180	1937	0.683	ug/l		94

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

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