Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
Data File : VN067779.D
Acq On : 16 Jul 2021 17:47
Operator : JC/MD
Sample : M2940-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
7/19/2021 5:54:00 PM

Quant Time: Jul 17 06:33:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 17 06:07:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.088	168	358614	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.968	114	654984	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.746	117	608248	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228823	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.440	65	290463	53.593	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.180%				
35) Dibromofluoromethane	8.024	113	205587	51.952	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.900%				
50) Toluene-d8	10.443	98	812041	49.024	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.040%				
62) 4-Bromofluorobenzene	12.733	95	268797	45.938	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.880%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.073	85	646	0.212	ug/l		96
3) Chloromethane	2.301	50	1476	0.306	ug/l	#	85
4) Vinyl Chloride	2.443	62	1567	0.215	ug/l		96
5) Bromomethane	2.858	94	3317m	0.552	ug/l		
6) Chloroethane	3.019	64	1329	0.246	ug/l	#	55
8) Diethyl Ether	3.819	74	883m	0.304	ug/l		
10) Methyl Iodide	4.433	142	1074m	0.271	ug/l		
11) Tert butyl alcohol	5.393	59	867m	1.113	ug/l		
13) Acrolein	4.041	56	835m	1.996	ug/l		
14) Allyl chloride	4.843	41	1687m	0.288	ug/l		
15) Acrylonitrile	5.573	53	1790m	0.927	ug/l		
16) Acetone	4.296	43	3647m	2.139	ug/l		
17) Carbon Disulfide	4.516	76	2251m	0.255	ug/l		
18) Methyl Acetate	4.878	43	1465m	0.306	ug/l		
20) Methylene Chloride	5.103	84	5022m	1.114	ug/l		
23) Vinyl Acetate	6.442	43	8420m	0.740	ug/l		
25) 2-Butanone	7.348	43	4943	1.746	ug/l	#	81
26) 2,2-Dichloropropane	7.327	77	3439	0.531	ug/l	#	57
29) Tetrahydrofuran	7.705	42	1712	0.919	ug/l	#	76
30) Chloroform	7.815	83	1741	0.209	ug/l		88
31) Cyclohexane	8.086	56	10719	1.411	ug/l	#	25
36) 1,1-Dichloropropene	8.217	75	1562m	0.257	ug/l		
37) Ethyl Acetate	7.429	43	1333m	0.226	ug/l		
42) 1,2-Dichloroethane	8.533	62	1828	0.270	ug/l		87
48) Methyl methacrylate	9.558	41	1176m	0.256	ug/l		
49) 1,4-Dioxane	9.577	88	225	2.831	ug/l	#	31
51) 4-Methyl-2-Pentanone	10.333	43	5995	0.941	ug/l		97
52) Toluene	10.507	92	2471	0.207	ug/l		97
56) Ethyl methacrylate	10.762	69	1422	0.202	ug/l		87
58) 2-Chloroethyl Vinyl ether	10.046	63	934	0.640	ug/l	#	71
59) 2-Hexanone	11.089	43	4839	1.088	ug/l		93
68) m/p-Xylenes	11.958	106	2725m	0.317	ug/l		
73) Isopropylbenzene	12.586	105	4098	0.222	ug/l		96
74) N-amyl acetate	12.398	43	2331m	0.348	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.827	83	1798	0.336	ug/l		84
76) 1,2,3-Trichloropropane	12.884	75	1071m	0.229	ug/l		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Bromobenzene	12.868	156	831	0.203	ug/l		53
78) n-propylbenzene	12.921	91	5140	0.246	ug/l		96
80) 1,3,5-Trimethylbenzene	13.063	105	3400	0.227	ug/l		89
82) 4-Chlorotoluene	13.114	91	2945	0.236	ug/l		83
83) tert-Butylbenzene	13.329	119	2571	0.202	ug/l		93
84) 1,2,4-Trimethylbenzene	13.372	105	3839	0.262	ug/l		95
85) sec-Butylbenzene	13.498	105	3767	0.213	ug/l		97
86) p-Isopropyltoluene	13.618	119	3743	0.263	ug/l	#	74
87) 1,3-Dichlorobenzene	13.621	146	1752	0.231	ug/l		87
88) 1,4-Dichlorobenzene	13.699	146	2399m	0.309	ug/l		
89) n-Butylbenzene	13.938	91	4079m	0.334	ug/l		
90) Hexachloroethane	14.211	117	779m	0.329	ug/l		
91) 1,2-Dichlorobenzene	13.994	146	1928	0.263	ug/l		96
93) 1,2,4-Trichlorobenzene	15.263	180	1410	0.448	ug/l	#	84
95) Naphthalene	15.509	128	9187	1.035	ug/l	#	79
96) 1,2,3-Trichlorobenzene	15.700	180	1674	0.550	ug/l		95

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

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