Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
Data File : VN069654.D
Acq On : 26 Nov 2021 13:03
Operator : JC/MD
Sample : M4838-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 00:17:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
21123018-01-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	190514	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1066922	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	931581	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	521694	31.574	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.233%			
60) 4-Bromofluorobenzene	12.733	95	403144	27.042	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.133%			
63) Toluene-d8	10.443	98	1302777	30.287	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.967%			
Target Compounds						Qvalue
8) Diethyl Ether	3.829	74	13619m	1.978	ug/l	
23) tert-Butyl Alcohol	5.377	59	9280825	3564.887	ug/l #	100
45) 1,4-Dioxane	9.569	88	22887	82.779	ug/l	89
58) 4-Methyl-2-Pentanone	10.333	43	166464	8.140	ug/l #	88
62) Toluene	10.507	91	23669	0.462	ug/l	99
64) Chlorobenzene	11.771	112	16389	0.534	ug/l	97
66) Ethyl Benzene	11.846	91	36489	0.644	ug/l	94
67) m/p-Xylenes	11.953	106	32869	1.562	ug/l	93
68) o-Xylene	12.283	106	23614	1.121	ug/l	90
70) Isopropylbenzene	12.578	105	44966	0.816	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	26065	0.591	ug/l #	82
84) 1,4-Dichlorobenzene	13.696	146	24976	1.185	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	4655	0.463	ug/l	99
91) Naphthalene	15.507	128	39985	1.381	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.702	180	6556	0.664	ug/l	94

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

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