Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
Data File : VN073637.D
Acq On : 29 Jul 2022 16:09
Operator : JC\MD
Sample : N3975-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 01 03:39:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
220727100-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.581	128	46805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	249646	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	219941	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	126978	31.377	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.600%			
60) 4-Bromofluorobenzene	12.674	95	104214	26.760	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.200%			
63) Toluene-d8	10.380	98	358106	28.916	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.400%			
Target Compounds						Qvalue
6) Chloroethane	2.975	64	2606m	0.745	ug/l	
8) Diethyl Ether	3.769	74	27584	13.500	ug/l	96
23) tert-Butyl Alcohol	5.287	59	185487	228.356	ug/l #	100
24) Methyl tert-Butyl Ether	5.546	73	7548	0.731	ug/l #	55
45) 1,4-Dioxane	9.504	88	16406	161.627	ug/l	95
62) Toluene	10.445	91	12160	0.795	ug/l	91
64) Chlorobenzene	11.710	112	131709	14.413	ug/l	100
66) Ethyl Benzene	11.786	91	19720	1.206	ug/l	90
67) m/p-Xylenes	11.898	106	15098	2.416	ug/l	87
68) o-Xylene	12.222	106	21468	3.458	ug/l	96
70) Isopropylbenzene	12.522	105	5670	0.357	ug/l	96
75) 2-Chlorotoluene	12.945	91	8803	0.795	ug/l	95
76) 1,3,5-Trimethylbenzene	13.004	105	3420	0.257	ug/l	96
80) 1,2,4-Trimethylbenzene	13.310	105	12737	0.967	ug/l #	79
82) p-Isopropyltoluene	13.557	119	4966	0.367	ug/l	91
84) 1,4-Dichlorobenzene	13.633	146	55183	7.927	ug/l	98
87) 1,2-Dichlorobenzene	13.933	146	4362	0.598	ug/l	99
91) Naphthalene	15.433	128	17343	1.315	ug/l #	96

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

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