Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
Data File : VN085377.D
Acq On : 02 Jan 2025 13:08
Operator : JC\MD
Sample : P5399-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 02 13:54:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
002 35TH AVE (DEC)

Manual Integrations APPROVED

Reviewed By :John Carlone 01/02/2025
Supervised By :Mahesh Dadoda 01/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.806	128	27625	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	134721	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.864	117	130305	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	72180	29.702	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.000%			
60) 4-Bromofluorobenzene	12.847	95	55707	26.392	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.967%			
63) Toluene-d8	10.565	98	176337	27.714	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 92.367%			
Target Compounds						Qvalue
15) Acetone	4.430	58	16661	67.004	ug/l	94
16) Carbon Disulfide	4.724	76	13171m	2.539	ug/l	
30) 2-Butanone	7.482	43	13413	10.864	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	12444	4.711	ug/l	98
62) Toluene	10.629	91	736677	92.022	ug/l	100
66) Ethyl Benzene	11.964	91	1725	0.205	ug/l	92
67) m/p-Xylenes	12.059	106	1671	0.529	ug/l	83
68) o-Xylene	12.400	106	811m	0.269	ug/l	
80) 1,2,4-Trimethylbenzene	13.482	105	7574	1.180	ug/l	91
82) p-Isopropyltoluene	13.723	119	8378	1.336	ug/l	95
91) Naphthalene	15.641	128	5757	1.143	ug/l	98

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

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