

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044670.D
 Acq On : 16 Jan 2025 13:55
 Operator :
 Sample : Q1083-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(DEC)

Quant Time: Jan 17 01:31:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	31297	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	176011	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149063	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	90648	30.002	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110		Recovery	= 100.000%	
60) 4-Bromofluorobenzene	11.079	95	85127	29.402	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112		Recovery	= 98.000%	
63) Toluene-d8	8.647	98	254016	31.331	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112		Recovery	= 104.433%	
Target Compounds						
						Qvalue
12) Methyl Acetate	2.709	43	5396	1.599	ug/l	95
15) Acetone	2.392	58	23021	69.762	ug/l	94
16) Carbon Disulfide	2.496	76	4143	0.645	ug/l #	93
30) 2-Butanone	4.581	43	18054	10.735	ug/l #	78
58) 4-Methyl-2-Pentanone	8.580	43	15540	4.946	ug/l	98
62) Toluene	8.714	91	816783	83.215	ug/l	99
67) m/p-Xylenes	10.305	106	1787	0.454	ug/l	98
68) o-Xylene	10.640	106	1016	0.257	ug/l	79
76) 1,3,5-Trimethylbenzene	11.451	105	1923	0.238	ug/l	92
80) 1,2,4-Trimethylbenzene	11.750	105	8397	1.032	ug/l	87
82) p-Isopropyltoluene	12.006	119	19096	2.344	ug/l	99
91) Naphthalene	13.780	128	6938	0.727	ug/l	98

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

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