

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079626.D
 Acq On : 20 Oct 2023 14:16
 Operator : JC\MD
 Sample : 04966-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231013059-VOA

Quant Time: Oct 20 23:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	18785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	140341	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	171470	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	84554	31.659	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.533%			
60) 4-Bromofluorobenzene	12.853	95	82850	26.422	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.067%			
63) Toluene-d8	10.571	98	220773	30.047	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.167%			
Target Compounds					Qvalue	
8) Diethyl Ether	3.965	74	6046	3.588	ug/l	78
15) Acetone	4.430	58	767894	1658.908	ug/l	84
22) cis-1,2-Dichloroethene	7.494	96	3366	1.032	ug/l #	18
23) tert-Butyl Alcohol	5.524	59	2513875	5144.788	ug/l #	100
30) 2-Butanone	7.483	43	4044102	1967.167	ug/l	99
34) Benzene	8.612	78	42393	3.402	ug/l #	83
43) Ethyl Acetate	7.483	43	4044102	1046.142	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	245807	61.460	ug/l	98
62) Toluene	10.635	91	52236	3.986	ug/l	100
64) Chlorobenzene	11.894	112	9778	1.286	ug/l	94
66) Ethyl Benzene	11.965	91	65231	4.831	ug/l	95
67) m/p-Xylenes	12.071	106	27803	5.567	ug/l	91
68) o-Xylene	12.406	106	17937	3.757	ug/l	98
70) Isopropylbenzene	12.700	105	13867	1.132	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	4967	0.496	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	17482	1.801	ug/l	90
82) p-Isopropyltoluene	13.735	119	10362	1.155	ug/l	93
84) 1,4-Dichlorobenzene	13.818	146	10434	2.300	ug/l	99
91) Naphthalene	15.641	128	106360	24.867	ug/l	99

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

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