

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078378.D
 Acq On : 23 Jun 2023 15:15
 Operator : JC\MD
 Sample : 03379-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230621028-02-VOA

Quant Time: Jun 24 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	80595	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	440879	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	370853	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	173286	28.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.167%		
60) 4-Bromofluorobenzene	12.853	95	140608	26.911	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.700%		
63) Toluene-d8	10.571	98	536370	29.850	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.500%		
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	247289	454.245	ug/l	88
16) Carbon Disulfide	4.730	76	23525	1.895	ug/l #	94
23) tert-Butyl Alcohol	5.530	59	1730816	2426.954	ug/l #	100
30) 2-Butanone	7.494	43	1192941	497.983	ug/l	99
34) Benzene	8.612	78	37594	1.845	ug/l #	57
45) 1,4-Dioxane	9.700	88	5439	67.673	ug/l #	55
58) 4-Methyl-2-Pentanone	10.453	43	48936	9.881	ug/l	99
62) Toluene	10.635	91	84918	3.934	ug/l	99
64) Chlorobenzene	11.900	112	7900	0.618	ug/l	94
66) Ethyl Benzene	11.970	91	61671	2.808	ug/l	98
67) m/p-Xylenes	12.070	106	25006	3.011	ug/l	97
68) o-Xylene	12.406	106	17522	2.176	ug/l	100
70) Isopropylbenzene	12.700	105	5992	0.303	ug/l #	73
76) 1,3,5-Trimethylbenzene	13.176	105	5471	0.333	ug/l	81
80) 1,2,4-Trimethylbenzene	13.488	105	18301	1.180	ug/l	70
82) p-Isopropyltoluene	13.741	119	10589	0.782	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	8603	1.187	ug/l	92
91) Naphthalene	15.647	128	102887	13.855	ug/l	99

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

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