

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065510.D
 Acq On : 14 Jan 2021 15:32
 Operator : JC/MD
 Sample : M1143-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210113010-02

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 1:24:28 PM

Quant Time: Jan 15 04:14:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.155	128	41500	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	217952	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	200100	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	79714	30.75	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	102.50%		
60) 4-Bromofluorobenzene	12.376	95	84346	27.83	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.77%		
63) Toluene-d8	10.061	98	259151	29.59	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.63%		
Target Compounds						Qvalue
8) Diethyl Ether	3.383	74	6921	4.53	ug/l	93
15) Acetone	3.804	58	17131m	55.17	ug/l	
23) tert-Butyl Alcohol	4.782	59	2468699	7888.29	ug/l #	100
24) Methyl tert-Butyl Ether	5.007	73	14998	2.24	ug/l #	83
30) 2-Butanone	6.814	43	94836	75.92	ug/l #	76
34) Benzene	8.003	78	32857	3.45	ug/l #	49
58) 4-Methyl-2-Pentanone	9.955	43	25558	9.62	ug/l #	89
62) Toluene	10.126	91	39325	3.76	ug/l	100
64) Chlorobenzene	11.405	112	5752	0.85	ug/l	90
66) Ethyl Benzene	11.486	91	11215	0.98	ug/l	98
67) m/p-Xylenes	11.592	106	39240	8.78	ug/l	98
68) o-Xylene	11.923	106	24688	5.72	ug/l	99
70) Isopropylbenzene	12.225	105	10238	0.91	ug/l	99
76) 1,3,5-Trimethylbenzene	12.707	105	7998	0.83	ug/l	97
80) 1,2,4-Trimethylbenzene	13.016	105	24577	2.55	ug/l	99
82) p-Isopropyltoluene	13.264	119	30928	3.08	ug/l	98
84) 1,4-Dichlorobenzene	13.338	146	16052	3.07	ug/l	99
91) Naphthalene	15.106	128	2615	9.34	ug/l #	80

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

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