

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067031.D
 Acq On : 7 May 2021 00:47
 Operator : JC/MD
 Sample : M2307-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:23:51 PM

Quant Time: May 07 07:31:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.115	128	77076	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	415173	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	350951	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	202775	30.02	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.07%			
60) 4-Bromofluorobenzene	12.353	95	169362m	29.01	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.70%			
63) Toluene-d8	10.030	98	538595	30.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.27%			
Target Compounds						
					Qvalue	
16) Carbon Disulfide	3.985	76	5017	0.35	ug/l #	91
20) Diisopropyl ether	5.868	45	74320	4.70	ug/l #	82
23) tert-Butyl Alcohol	4.704	59	115033	117.13	ug/l #	100
26) Cyclohexane	7.579	56	113877	15.58	ug/l #	57
34) Benzene	7.970	78	2256088	95.84	ug/l #	90
38) Methylcyclohexane	9.013	83	38895	5.38	ug/l	85
62) Toluene	10.097	91	57625	2.66	ug/l	99
64) Chlorobenzene	11.376	112	19664	1.56	ug/l	98
66) Ethyl Benzene	11.462	91	20214	0.92	ug/l	96
67) m/p-Xylenes	11.569	106	30001	3.64	ug/l	95
68) o-Xylene	11.897	106	4366	0.54	ug/l	91
70) Isopropylbenzene	12.197	105	109044	5.16	ug/l	100
74) n-propylbenzene	12.540	91	199686	8.25	ug/l	100
76) 1,3,5-Trimethylbenzene	12.680	105	18347m	0.98	ug/l	
79) tert-butylbenzene	12.940	119	8291	0.52	ug/l	87
80) 1,2,4-Trimethylbenzene	12.991	105	36975	2.11	ug/l	95
81) sec-Butylbenzene	13.122	105	21423	1.02	ug/l	82
82) p-Isopropyltoluene	13.238	119	8516	0.51	ug/l	93
87) 1,2-Dichlorobenzene	13.602	146	11049	1.26	ug/l	94
91) Naphthalene	15.080	128	57732	4.75	ug/l #	90

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

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