

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069143.D
 Acq On : 22 Oct 2021 18:58
 Operator : JC/MD
 Sample : M4301-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 211020075-02-VOA

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 23 07:56:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	51391	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	300037	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	267542	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	125465	31.344	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.467%			
60) 4-Bromofluorobenzene	12.734	95	126051	27.477	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.600%			
63) Toluene-d8	10.443	98	363481	30.070	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%			
Target Compounds						
					Qvalue	
15) Acetone	4.285	58	82109	168.167	ug/l	98
24) Methyl tert-Butyl Ether	5.621	73	9712m	0.886	ug/l	
30) 2-Butanone	7.332	43	551455	243.227	ug/l	94
34) Benzene	8.461	78	16654	1.181	ug/l #	16
45) 1,4-Dioxane	9.574	88	5701	86.984	ug/l #	81
58) 4-Methyl-2-Pentanone	10.331	43	15674	3.473	ug/l #	84
62) Toluene	10.508	91	8921	0.572	ug/l #	68
64) Chlorobenzene	11.773	112	3619	0.383	ug/l	95
66) Ethyl Benzene	11.846	91	25899	1.478	ug/l	95
67) m/p-Xylenes	11.953	106	10426	1.582	ug/l	93
68) o-Xylene	12.280	106	7405	1.122	ug/l	95
70) Isopropylbenzene	12.581	105	4733	0.274	ug/l	89
80) 1,2,4-Trimethylbenzene	13.369	105	8109	0.573	ug/l #	80
84) 1,4-Dichlorobenzene	13.699	146	6471	0.963	ug/l	97
91) Naphthalene	15.507	128	105307	10.949	ug/l	99

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

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