

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069140.D
 Acq On : 22 Oct 2021 17:43
 Operator : JC/MD
 Sample : M4245-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

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

Quant Time: Oct 23 07:56:01 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	7.662	128	46971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	282092	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	243435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	115497	31.569	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.233%			
60) 4-Bromofluorobenzene	12.734	95	110884	26.565	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.533%			
63) Toluene-d8	10.443	98	342128	31.107	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.700%			
Target Compounds						Qvalue
12) Methyl Acetate	4.862	43	130694	25.976	ug/l	96
15) Acetone	4.285	58	1371043	3072.261	ug/l	97
18) Methylene Chloride	5.098	84	3011m	0.959	ug/l	
25) Chloroform	7.820	83	5574	0.962	ug/l #	83
30) 2-Butanone	7.337	43	145755	68.377	ug/l	98
44) Isopropyl Acetate	8.560	43	48834	6.343	ug/l #	88
58) 4-Methyl-2-Pentanone	10.331	43	4812	1.172	ug/l	93
59) 2-Hexanone	11.087	43	7310	2.357	ug/l	94
85) n-Butylbenzene	13.943	91	6408	0.583	ug/l	99
87) 1,2-Dichlorobenzene	13.989	146	2529	0.421	ug/l	90
89) 1,2,4-Trichlorobenzene	15.265	180	4917m	1.625	ug/l	
91) Naphthalene	15.507	128	28567	3.264	ug/l	97
92) 1,2,3-Trichlorobenzene	15.700	180	6189	2.141	ug/l	98

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

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