

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042461.D
 Acq On : 23 Jul 2024 10:42
 Operator : JC/MD
 Sample : P3321-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-Willets-Pt-Blvd(July)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 15:09:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	25227	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	163334	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147910	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61962	34.290	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.300%#			
60) 4-Bromofluorobenzene	11.079	95	65555	28.486	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.967%			
63) Toluene-d8	8.647	98	195838	30.479	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	5648	2.336	ug/l	97
15) Acetone	2.392	58	100631	372.651	ug/l	95
16) Carbon Disulfide	2.501	76	3055	1.051	ug/l	96
18) Methylene Chloride	2.776	84	1895	1.128	ug/l #	87
25) Chloroform	5.099	83	1739m	0.601	ug/l	
30) 2-Butanone	4.568	43	38104	26.796	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	10815	4.149	ug/l	98
59) 2-Hexanone	9.451	43	1199	0.587	ug/l	90
61) Tetrachloroethene	9.275	164	1634	0.911	ug/l	88
62) Toluene	8.714	91	660146	89.272	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	3010	0.438	ug/l	56
82) p-Isopropyltoluene	12.006	119	4168	0.558	ug/l	98

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

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