

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036544.D
 Acq On : 13 Jul 2023 22:37
 Operator : JC/MD
 Sample : 03593-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)

Quant Time: Jul 14 04:39:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	31543m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	159814	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149081	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	73922	28.236	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.133%		
60) 4-Bromofluorobenzene	11.079	95	68271	28.232	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.100%		
63) Toluene-d8	8.646	98	200253	29.191	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.300%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.702	43	9971	2.298	ug/l	95
15) Acetone	2.385	58	268130	778.722	ug/l	94
16) Carbon Disulfide	2.513	76	4049	0.904	ug/l #	93
18) Methylene Chloride	2.794	84	1441	0.648	ug/l #	73
30) 2-Butanone	4.562	43	86819	57.215	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	16350	5.304	ug/l	96
62) Toluene	8.720	91	1935900	231.439	ug/l	98
66) Ethyl Benzene	10.195	91	1974	0.217	ug/l #	84
67) m/p-Xylenes	10.299	106	1353	0.382	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	7367	0.988	ug/l	48
82) p-Isopropyltoluene	12.006	119	8466	1.131	ug/l	100
91) Naphthalene	13.774	128	3025	0.338	ug/l #	97

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

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