

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023895.D
 Acq On : 20 Aug 2021 22:16
 Operator : JC/MD
 Sample : M3479-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210818092-02-VOA

Quant Time: Aug 21 01:11:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	36219	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	199529	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	177111	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	87579	31.267	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.233%
60) 4-Bromofluorobenzene	11.085	95	82291	28.367	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.567%
63) Toluene-d8	8.653	98	238930	29.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	9242	6.648	ug/l	94
15) Acetone	2.386	58	12296	29.306	ug/l	98
16) Carbon Disulfide	2.514	76	1725	0.333	ug/l #	90
24) Methyl tert-Butyl Ether	3.123	73	7281	0.989	ug/l #	76
34) Benzene	6.050	78	19157	2.045	ug/l #	90
45) 1,4-Dioxane	7.665	88	6832	107.027	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	18214	4.770	ug/l	99
59) 2-Hexanone	9.433	43	2560	0.863	ug/l #	83
62) Toluene	8.720	91	34265	3.429	ug/l	99
64) Chlorobenzene	10.086	112	2479	0.392	ug/l #	72
66) Ethyl Benzene	10.195	91	21844	1.976	ug/l	98
67) m/p-Xylenes	10.305	106	32951	7.706	ug/l	98
68) o-Xylene	10.646	106	17998	4.269	ug/l	98
70) Isopropylbenzene	10.970	105	13231	1.194	ug/l	100
76) 1,3,5-Trimethylbenzene	11.457	105	7697	0.837	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	25680	2.819	ug/l	96
82) p-Isopropyltoluene	12.012	119	4021	0.428	ug/l	90
84) 1,4-Dichlorobenzene	12.043	146	8027	1.661	ug/l	95
91) Naphthalene	13.780	128	106813	10.658	ug/l	99

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

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