

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036540.D
 Acq On : 13 Jul 2023 21:03
 Operator : JC/MD
 Sample : 03609-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230712062-02-VOA

Quant Time: Jul 14 04:38:52 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

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

Internal Standards						
1) Bromochloromethane	4.903	128	29532	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	150904	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	137091	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71103	29.009	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.700%
60) 4-Bromofluorobenzene	11.079	95	65726	29.556	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.533%
63) Toluene-d8	8.647	98	188480	29.878	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	2735	1.743	ug/l	94
15) Acetone	2.380	58	7794	24.177	ug/l	91
16) Carbon Disulfide	2.508	76	1924	0.459	ug/l #	94
23) tert-Butyl Alcohol	2.965	59	1263014	2388.644	ug/l #	1
34) Benzene	6.043	78	11020	1.571	ug/l	94
45) 1,4-Dioxane	7.671	88	4065	80.516	ug/l #	1
58) 4-Methyl-2-Pentanone	8.574	43	15410	5.436	ug/l	96
62) Toluene	8.720	91	11179	1.453	ug/l	99
64) Chlorobenzene	10.079	112	3319	0.693	ug/l	97
66) Ethyl Benzene	10.195	91	11621	1.390	ug/l	90
67) m/p-Xylenes	10.299	106	9577	2.939	ug/l	99
68) o-Xylene	10.640	106	7026	2.172	ug/l	100
70) Isopropylbenzene	10.963	105	4602	0.571	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	2229	0.322	ug/l	93
80) 1,2,4-Trimethylbenzene	11.750	105	9113	1.329	ug/l	95
82) p-Isopropyltoluene	12.012	119	2207	0.321	ug/l	82
84) 1,4-Dichlorobenzene	12.042	146	6992	1.894	ug/l	96
91) Naphthalene	13.774	128	4009	0.488	ug/l	98

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

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