

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036539.D
 Acq On : 13 Jul 2023 20:39
 Operator : JC/MD
 Sample : 03610-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230712058-02-VOA

Quant Time: Jul 14 04:38:41 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	4.898	128	24495	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	125018	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115558	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59223	29.131	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.100%
60) 4-Bromofluorobenzene	11.079	95	53701	28.649	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.500%
63) Toluene-d8	8.653	98	155573	29.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	11240	8.636	ug/l	98
15) Acetone	2.380	58	3022	11.302	ug/l	96
23) tert-Butyl Alcohol	2.959	59	111444	254.106	ug/l #	1
34) Benzene	6.032	78	9266	1.595	ug/l #	85
45) 1,4-Dioxane	7.671	88	10046	240.182	ug/l #	1
62) Toluene	8.720	91	6048	0.933	ug/l	97
64) Chlorobenzene	10.080	112	40986	10.154	ug/l	97
66) Ethyl Benzene	10.195	91	24535	3.482	ug/l	96
67) m/p-Xylenes	10.299	106	6603	2.404	ug/l	89
68) o-Xylene	10.640	106	8893	3.262	ug/l	96
70) Isopropylbenzene	10.964	105	5313	0.782	ug/l	96
74) n-propylbenzene	11.305	91	2692	0.337	ug/l	91
76) 1,3,5-Trimethylbenzene	11.451	105	1705	0.292	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	10591	1.832	ug/l	94
82) p-Isopropyltoluene	12.012	119	3041	0.524	ug/l	90
84) 1,4-Dichlorobenzene	12.043	146	23934	7.693	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	1485	0.474	ug/l	93
91) Naphthalene	13.774	128	39579	5.712	ug/l	99

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

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