

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026449.D
 Acq On : 14 Jan 2022 12:38
 Operator : JC/MD
 Sample : N1123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220112013-02-VOA

Quant Time: Jan 17 05:57:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	16170	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	89664	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	77148	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	39059	30.040	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.133%
60) 4-Bromofluorobenzene	11.085	95	38744	30.092	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.300%
63) Toluene-d8	8.653	98	103815	29.292	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.633%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	5748	10.806	ug/l	96
23) tert-Butyl Alcohol	2.965	59	74537	404.582	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	2390	0.739	ug/l #	85
30) 2-Butanone	4.574	43	5753	7.153	ug/l #	72
34) Benzene	6.050	78	5637	1.468	ug/l #	93
45) 1,4-Dioxane	7.671	88	6330	338.389	ug/l	97
62) Toluene	8.726	91	3333	0.809	ug/l	98
64) Chlorobenzene	10.079	112	24467	9.785	ug/l	96
67) m/p-Xylenes	10.305	106	8322	4.860	ug/l	97
68) o-Xylene	10.646	106	6067	3.653	ug/l	89
70) Isopropylbenzene	10.963	105	1847	0.415	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	1838	0.494	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	7759	2.111	ug/l	97
82) p-Isopropyltoluene	12.012	119	2895	0.759	ug/l	94
84) 1,4-Dichlorobenzene	12.042	146	19601	10.306	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	1308	0.717	ug/l	94
91) Naphthalene	13.780	128	1261	0.306	ug/l #	95

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

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