

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023542.D
 Acq On : 04 Aug 2021 14:45
 Operator : JC/MD
 Sample : M3281-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP03

Quant Time: Aug 05 05:18:56 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	4.910	128	36567	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	199032	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	180833	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	83794	29.63	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.085	95	84966	28.69	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.63%
63) Toluene-d8	8.653	98	241774	29.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.03%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	3480	8.22	ug/l	86
24) Methyl tert-Butyl Ether	3.123	73	36724	4.94	ug/l	98
34) Benzene	6.050	78	4718	0.50	ug/l #	95
38) Methylcyclohexane	7.391	83	5291	1.34	ug/l	97
62) Toluene	8.726	91	4694	0.46	ug/l	100
66) Ethyl Benzene	10.195	91	4373	0.39	ug/l	98
67) m/p-Xylenes	10.305	106	4807	1.10	ug/l	92
68) o-Xylene	10.646	106	2692	0.63	ug/l	96
70) Isopropylbenzene	10.963	105	12854	1.14	ug/l	98
74) n-propylbenzene	11.305	91	17363	1.32	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	6124	0.65	ug/l	98
79) tert-butylbenzene	11.719	119	3352	0.37	ug/l	85
80) 1,2,4-Trimethylbenzene	11.756	105	20419	2.20	ug/l	95
81) sec-Butylbenzene	11.896	105	18665	1.60	ug/l	100
85) n-Butylbenzene	12.335	91	12837	1.51	ug/l	73
91) Naphthalene	13.780	128	75017	7.33	ug/l	97

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

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