

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031817.D
 Acq On : 30 Sep 2022 17:30
 Operator : JC/MD
 Sample : N4887-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220928033-02-VOA

Quant Time: Oct 03 01:14:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	21560	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113922	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100565	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	49358	30.417	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.400%
60) 4-Bromofluorobenzene	11.079	95	55081	29.594	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.633%
63) Toluene-d8	8.647	98	155319	30.402	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	19285	124.020	ug/l	93
16) Carbon Disulfide	2.508	76	2789	1.074	ug/l	99
23) tert-Butyl Alcohol	2.983	59	719260	3361.473	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	3248	0.798	ug/l #	71
30) 2-Butanone	4.568	43	70908	98.645	ug/l #	92
34) Benzene	6.037	78	8048	1.540	ug/l	95
45) 1,4-Dioxane	7.696	88	2465	75.039	ug/l	91
62) Toluene	8.720	91	7291	1.266	ug/l	100
64) Chlorobenzene	10.079	112	1430	0.364	ug/l #	53
66) Ethyl Benzene	10.195	91	14723	2.269	ug/l	100
67) m/p-Xylenes	10.299	106	8740	3.234	ug/l	96
68) o-Xylene	10.646	106	5432	2.048	ug/l	97
70) Isopropylbenzene	10.963	105	5131	0.744	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	1945	0.335	ug/l	85
80) 1,2,4-Trimethylbenzene	11.756	105	6581	1.142	ug/l	100
82) p-Isopropyltoluene	12.006	119	1829	0.291	ug/l	90
84) 1,4-Dichlorobenzene	12.042	146	5494	1.531	ug/l	96
91) Naphthalene	13.774	128	60582	8.383	ug/l	99

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

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