

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\  
 Data File : VU037084.D  
 Acq On : 05 Mar 2020 15:28  
 Operator : JC/MD  
 Sample : L1780-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DH8

Quant Time: Mar 06 00:39:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 05 22:35:59 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86924	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79256	37.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.66%
7) Chloroethane-d5	1.93	69	80417	45.78	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.59	63	111376	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.67	46	147879	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.11	84	155795	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.74	65	108657	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
32) Benzene-d6	5.76	84	328879	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.72	67	111423	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.93	98	292142	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	8.20	79	43816	41.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.98%
47) 2-Hexanone-d5	8.66	63	100781	90.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156851	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	87187	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds					Ovalue
13) Acetone	2.66	43	3199	2.184 ug/L	98

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

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