

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\  
 Data File : VU031989.D  
 Acq On : 14 May 2019 13:09  
 Operator : JC/SP  
 Sample : VU0514MBL01  
 Misc : 5.00µ/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK36

Quant Time: May 15 04:36:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM051419WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 15 04:26:34 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1070826	50.00	µg/L	0.00
28) Chlorobenzene-d5	9.09	117	1067002	50.00	µg/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	426241	50.00	µg/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	445446	47.40	µg/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.80%
7) Chloroethane-d5	1.68	69	372807	49.00	µg/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	607235	36.05	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	4.17	46	661144	100.48	µg/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.64	84	746914	47.49	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.30	65	484162	48.87	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.34	84	1560864	50.53	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.32	67	518781	50.90	µg/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.80%
41) Toluene-d8	7.56	98	1376193	49.73	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%
43) trans-1,3-Dichloropropene-	7.85	79	220123	48.96	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
47) 2-Hexanone-d5	8.31	63	422527	102.23	µg/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	706043	46.81	µg/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	462373	51.55	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds Ovalue

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

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