

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033433.D
 Acq On : 26 Jul 2019 00:32
 Operator : JC/SP
 Sample : K3976-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C99

Quant Time: Jul 26 07:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	278440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124767	59.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.38%
7) Chloroethane-d5	1.67	69	110609	61.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.86%
11) 1,1-Dichloroethene-d2	2.25	63	168276	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
21) 2-Butanone-d5	4.15	46	150729	112.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.62	84	190518	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
26) 1,2-Dichloroethane-d4	5.29	65	133926	59.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.22%
32) Benzene-d6	5.32	84	410080	58.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.80%
36) 1,2-Dichloropropane-d6	6.31	67	129630	58.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.24%
41) Toluene-d8	7.55	98	371713	56.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.22%
43) trans-1,3-Dichloropropene-	7.83	79	57459	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.08%
47) 2-Hexanone-d5	8.29	63	110057	109.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190294	56.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	139151	63.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.16%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	43552	13.861	ug/L	95
13) Acetone	2.31	43	2940	1.762	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	4174	2.173	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	586315	270.618	ug/L	99
34) Trichloroethene	6.16	95	259519	119.890	ug/L	99
46) Tetrachloroethene	8.21	164	173502	103.539	ug/L	98

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

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