

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\  
 Data File : VU034696.D  
 Acq On : 20 Sep 2019 18:05  
 Operator : JC/SP  
 Sample : K4948-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEDN3

Quant Time: Sep 21 04:56:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 21 02:29:10 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	508248	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	479559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	211038	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201203	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.67	69	174944	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.26	63	284749	32.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.64%
21) 2-Butanone-d5	4.15	46	409411	102.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.67%
24) Chloroform-d	4.62	84	354034	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.29	65	260518	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.31	84	699890	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.31	67	248721	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.54	98	653233	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	7.83	79	118983	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.29	63	262070	100.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.43%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	332521	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	212803	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	8444	1.820	ug/L	89
18) Methyl tert-butyl Ether	2.98	73	14033	1.040	ug/L #	70
20) cis-1,2-Dichloroethene	4.20	96	2453274	577.109	ug/L #	100
34) Trichloroethene	6.16	95	133370	32.469	ug/L	91
46) Tetrachloroethene	8.21	164	1029013	356.141	ug/L	97

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

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