

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\  
 Data File : VU029693.D  
 Acq On : 26 Feb 2019 19:38  
 Operator : JC/SP  
 Sample : K1624-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COTS8

Quant Time: Feb 27 03:18:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 27 01:53:00 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475181	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222973	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139586	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.18%
7) Chloroethane-d5	1.68	69	129371	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.27	63	214169	31.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.17	46	228341	107.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	4.65	84	277845	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	179019	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.34	84	604102	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.94%
36) 1,2-Dichloropropane-d6	6.33	67	184704	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.66%
41) Toluene-d8	7.56	98	564184	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%
43) trans-1,3-Dichloropropene-	7.85	79	86283	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.31	63	173028	90.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284072	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	234219	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	59134	9.556	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	7953	2.357	ug/L	97
34) Trichloroethene	6.18	95	323327	103.292	ug/L	97
46) Tetrachloroethene	8.22	164	84712	27.649	ug/L	97

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

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