

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033916.D
 Acq On : 22 Aug 2019 21:52
 Operator : JC/SP
 Sample : K4454-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B87

Quant Time: Aug 23 04:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	568012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	565550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	235119	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	181478	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.86%
7) Chloroethane-d5	1.67	69	165904	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.25	63	275786	30.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.38%
21) 2-Butanone-d5	4.15	46	344706	102.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.62	84	360632	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.28	65	248421	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
32) Benzene-d6	5.32	84	717164	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
36) 1,2-Dichloropropane-d6	6.31	67	247221	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.55	98	595963	41.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.10%
43) trans-1,3-Dichloropropene-	7.83	79	98798	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.14%
47) 2-Hexanone-d5	8.29	63	233352	107.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	358744	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	234062	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	12500	3.038	ug/L 96
20) cis-1,2-Dichloroethene	4.20	96	597563	131.936	ug/L 100
34) Trichloroethene	6.16	95	1055106	237.785	ug/L 98
46) Tetrachloroethene	8.21	164	277285	80.411	ug/L 98

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

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