

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033896.D
 Acq On : 22 Aug 2019 00:53
 Operator : JC/SP
 Sample : K4454-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B91

Quant Time: Aug 22 08:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	380873	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	390429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143818	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.94%
7) Chloroethane-d5	1.67	69	130853	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.66%
11) 1,1-Dichloroethene-d2	2.25	63	198032	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	4.15	46	197535	109.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.62	84	268127	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.28	65	175633	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.32	84	512363	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.31	67	171992	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.55	98	431446	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%
43) trans-1,3-Dichloropropene-	7.84	79	784	0.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.94%#
47) 2-Hexanone-d5	8.30	63	126963	97.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	256915	52.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.84%
64) 1,2-Dichlorobenzene-d4	11.84	152	181303	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	29353	6.862 ug/L #	22
13) Acetone	2.30	43	11682	6.614 ug/L	100
14) Carbon disulfide	2.46	76	7654	0.922 ug/L #	94
17) trans-1,2-Dichloroethene	2.96	96	7068	2.576 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	28866	9.725 ug/L	99
34) Trichloroethene	6.16	95	8298	2.636 ug/L	93

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

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