

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080719\
 Data File : VU033618.D
 Acq On : 07 Aug 2019 15:45
 Operator : JC/SP
 Sample : K4202-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B00

Quant Time: Aug 08 03:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	305982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	143359	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94572	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.67	69	105753	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.26	63	125878	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	4.16	46	176857	111.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	4.62	84	180260	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.29	65	121001	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.32	84	352047	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
36) 1,2-Dichloropropane-d6	6.31	67	119306	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.68%
41) Toluene-d8	7.55	98	293458	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%
43) trans-1,3-Dichloropropene-	7.83	79	54873	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.30	63	124944	105.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192876	52.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	134464	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	73244	23.606	ug/L 99
12) 1,1-Dichloroethene	2.27	96	4648	2.326	ug/L # 1
20) cis-1,2-Dichloroethene	4.20	96	148453	63.126	ug/L 97
34) Trichloroethene	6.17	95	138795	58.592	ug/L 98
46) Tetrachloroethene	8.21	164	217786	112.059	ug/L 97

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

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