

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033866.D
 Acq On : 21 Aug 2019 12:28
 Operator : JC/SP
 Sample : K4420-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B38

Quant Time: Aug 22 05:59:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 05:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	394878	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	402261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	165136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	164818	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.78%
7) Chloroethane-d5	1.67	69	150192	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.26	63	224778	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
21) 2-Butanone-d5	4.15	46	182593	98.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.62	84	272250	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.29	65	179560	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.32	84	545632	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.31	67	180633	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.55	98	477361	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.83	79	76709	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.29	63	119853	89.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	245656	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	181907	55.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.54%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	51682	11.653	ug/L 96
17) trans-1,2-Dichloroethene	2.96	96	7555	2.656	ug/L 93
20) cis-1,2-Dichloroethene	4.20	96	1004336	326.347	ug/L 98
34) Trichloroethene	6.16	95	352218	108.609	ug/L 99
46) Tetrachloroethene	8.21	164	20646	7.941	ug/L 98

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

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