

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033869.D
 Acq On : 21 Aug 2019 13:40
 Operator : JC/SP
 Sample : K4420-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B70

Quant Time: Aug 22 06:53:45 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	5.87	114	389786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	399835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161209	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.67	69	143406	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.25	63	215649	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
21) 2-Butanone-d5	4.15	46	174667	94.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.97%
24) Chloroform-d	4.62	84	262233	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.29	65	174700	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.32	84	525337	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.31	67	171917	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.55	98	458631	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.83	79	74397	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.30	63	112524	84.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236566	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	172696	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	8607	1.966 ug/L	# 47
20) cis-1,2-Dichloroethene	4.20	96	139394	45.886 ug/L	98
34) Trichloroethene	6.17	95	4578	1.420 ug/L	96

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

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