

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033711.D
 Acq On : 10 Aug 2019 02:22
 Operator : JC/SP
 Sample : K4289-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B18

Quant Time: Aug 12 03:30:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	348048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	336237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117835	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.98%
7) Chloroethane-d5	1.67	69	114911	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.26	63	161471	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
21) 2-Butanone-d5	4.16	46	248848	156.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	156.67%#
24) Chloroform-d	4.62	84	232835	61.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.34%
26) 1,2-Dichloroethane-d4	5.29	65	153835	64.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.26%#
32) Benzene-d6	5.32	84	468920	59.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.18%
36) 1,2-Dichloropropane-d6	6.31	67	156000	64.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.12%#
41) Toluene-d8	7.55	98	414033	55.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.94%
43) trans-1,3-Dichloropropene-	7.83	79	71139	57.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.70%
47) 2-Hexanone-d5	8.29	63	185989	147.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.45%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	239872	66.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	133.18%#
64) 1,2-Dichlorobenzene-d4	11.84	152	178350	63.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.30%#

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	6223	2.124 ug/L	# 53
18) Methyl tert-butyl Ether	2.98	73	15238	2.124 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	168531	67.358 ug/L	98
34) Trichloroethene	6.17	95	25498	10.327 ug/L	95
46) Tetrachloroethene	8.21	164	9286	4.563 ug/L	97

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

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