

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033716.D
 Acq On : 10 Aug 2019 04:18
 Operator : JC/SP
 Sample : K4289-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B30

Quant Time: Aug 12 03:39:21 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	325932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	316402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	156741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116774	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.67	69	105909	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.08%
11) 1,1-Dichloroethene-d2	2.26	63	155241	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	4.15	46	239005	160.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	160.69%#
24) Chloroform-d	4.62	84	217044	60.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.78%
26) 1,2-Dichloroethane-d4	5.29	65	145409	65.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.48%#
32) Benzene-d6	5.32	84	438334	58.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.40%
36) 1,2-Dichloropropane-d6	6.31	67	147380	64.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.64%#
41) Toluene-d8	7.55	98	391748	55.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.56%
43) trans-1,3-Dichloropropene-	7.83	79	66854	57.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.54%
47) 2-Hexanone-d5	8.29	63	176796	148.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	148.95%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	229948	67.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.66%#
64) 1,2-Dichlorobenzene-d4	11.85	152	169827	64.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.76%#

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	607358	221.363 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	27497	13.386 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	3147185	1343.206 ug/L	93
34) Trichloroethene	6.16	95	499190	214.860 ug/L	97

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

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