

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033710.D
 Acq On : 10 Aug 2019 01:58
 Operator : JC/SP
 Sample : K4289-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B17

Quant Time: Aug 12 03:28:30 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	340150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	324884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	155261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118502	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.66%
7) Chloroethane-d5	1.67	69	110052	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.70%
11) 1,1-Dichloroethene-d2	2.26	63	164164	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.98%
21) 2-Butanone-d5	4.15	46	268227	172.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	172.79%#
24) Chloroform-d	4.62	84	233076	62.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.30%#
26) 1,2-Dichloroethane-d4	5.29	65	156448	67.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.52%#
32) Benzene-d6	5.32	84	473457	61.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.50%
36) 1,2-Dichloropropane-d6	6.31	67	156191	66.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.76%#
41) Toluene-d8	7.55	98	410258	56.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.78%
43) trans-1,3-Dichloropropene-	7.83	79	70677	59.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.96%
47) 2-Hexanone-d5	8.29	63	198441	162.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	162.82%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	244422	70.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.44%#
64) 1,2-Dichlorobenzene-d4	11.84	152	168957	64.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.32%#

Target Compounds					Qvalue
5) Vinyl chloride	1.39	62	37001	12.922 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	16824	6.880 ug/L	98

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

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