

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033759.D
 Acq On : 11 Aug 2019 17:55
 Operator : JC/SP
 Sample : K4289-13RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B37RE

Quant Time: Aug 12 07:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	277495	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	127893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76401	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.80%
7) Chloroethane-d5	1.67	69	70440	34.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.80%#
11) 1,1-Dichloroethene-d2	2.26	63	91539	26.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.30%#
21) 2-Butanone-d5	4.15	46	196322	155.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	155.03%#
24) Chloroform-d	4.62	84	158402	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
26) 1,2-Dichloroethane-d4	5.29	65	105171	55.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.84%
32) Benzene-d6	5.32	84	278516	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
36) 1,2-Dichloropropane-d6	6.31	67	101268	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.55	98	219694	35.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.10%#
43) trans-1,3-Dichloropropene-	7.83	79	44098	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.29	63	132328	124.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.91%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188319	62.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.48%#
64) 1,2-Dichlorobenzene-d4	11.84	152	115154	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	648336	277.545	ug/L 97
17) trans-1,2-Dichloroethene	2.96	96	65613	37.517	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	2895564	1451.528	ug/L 94
33) Benzene	5.37	78	9793	1.246	ug/L 100
34) Trichloroethene	6.16	95	188439	90.874	ug/L 97
35) Methylcyclohexane	6.40	83	4227	1.339	ug/L # 83
46) Tetrachloroethene	8.21	164	109785	64.226	ug/L 97

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

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