

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091719\
 Data File : VU034610.D
 Acq On : 17 Sep 2019 13:04
 Operator : JC/SP
 Sample : K4838-13DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0ME9DL

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 3:16:04 PM

Quant Time: Sep 18 05:25:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 18 04:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	231285	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	209911	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	84220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52199	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.67	69	47933	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.70%
11) 1,1-Dichloroethene-d2	2.26	63	90645	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
21) 2-Butanone-d5	4.15	46	152913	121.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.53%
24) Chloroform-d	4.62	84	138649	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.46%
26) 1,2-Dichloroethane-d4	5.29	65	92239	59.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.34%
32) Benzene-d6	5.32	84	259173	56.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.30%
36) 1,2-Dichloropropane-d6	6.31	67	99177	57.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.44%
41) Toluene-d8	7.54	98	242244	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%
43) trans-1,3-Dichloropropene-	7.83	79	44835	54.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.40%
47) 2-Hexanone-d5	8.29	63	108556	116.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	153486	57.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.34%
64) 1,2-Dichlorobenzene-d4	11.84	152	83013	55.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	4929	4.484	ug/L	# 1
20) cis-1,2-Dichloroethene	4.21	96	5685	3.731	ug/L	97
30) 1,1,1-Trichloroethane	4.90	97	7416m	3.536	ug/L	
34) Trichloroethene	6.16	95	82861	62.472	ug/L	95

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

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