

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034593.D
 Acq On : 17 Sep 2019 03:07
 Operator : JC/SP
 Sample : K4838-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COML9

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:16:12 AM

Quant Time: Sep 17 05:40:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:01:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	243578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	99266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59340	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.18%
7) Chloroethane-d5	1.67	69	52105	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.38%
11) 1,1-Dichloroethene-d2	2.26	63	98834	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	4.15	46	158338	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.62	84	151435	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
26) 1,2-Dichloroethane-d4	5.29	65	97309	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.32	84	285149	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
36) 1,2-Dichloropropane-d6	6.31	67	109836	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.18%
41) Toluene-d8	7.54	98	272886	52.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	7.83	79	46672	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
47) 2-Hexanone-d5	8.29	63	115123	106.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	163617	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	96024	54.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.46%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	2646m	1.521 ug/L	
34) Trichloroethene	6.16	95	48983	31.826 ug/L	95

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

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