

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034575.D
 Acq On : 16 Sep 2019 19:19
 Operator : JC/SP
 Sample : K4838-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0MD3

Manual Integrations
 APPROVED

MMDadoda
 9/17/2019 11:54:39 AM

Quant Time: Sep 17 04:32:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 02:36:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	304663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	116153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73228	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.64%
7) Chloroethane-d5	1.67	69	61734m	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.22%
11) 1,1-Dichloroethene-d2	2.26	63	115366	38.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.72%
21) 2-Butanone-d5	4.15	46	184865	111.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	4.62	84	172118	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	5.29	65	109398	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.46%
32) Benzene-d6	5.32	84	330855	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.38%
36) 1,2-Dichloropropane-d6	6.31	67	126225	54.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.02%
41) Toluene-d8	7.54	98	314988	52.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.32%
43) trans-1,3-Dichloropropene-	7.83	79	58287	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.54%
47) 2-Hexanone-d5	8.29	63	133500	106.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.29%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187105	51.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.44%
64) 1,2-Dichlorobenzene-d4	11.84	152	110525	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%

Target Compounds Ovalue

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

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