

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033319.D
 Acq On : 18 Jul 2019 15:15
 Operator : JC/SP
 Sample : K3846-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52S3

Quant Time: Jul 23 09:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	373694	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	367107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	187162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108461	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.68%
7) Chloroethane-d5	1.67	69	99513	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.36%
11) 1,1-Dichloroethene-d2	2.26	63	150608	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	4.15	46	179985	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.62	84	203581	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.29	65	133711	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.32	84	416092	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.31	67	136559	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.55	98	379047	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.83	79	63963	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.29	63	128478	98.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	200354	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	159887	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds					Ovalue
13) Acetone	2.31	43	100689	44.960 ug/L	98
22) 2-Butanone	4.25	43	14705	5.911 ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	17408	4.469 ug/L	98

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

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