

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031910.D
 Acq On : 10 May 2019 23:53
 Operator : JC/SP
 Sample : K2705-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

Quant Time: May 11 04:31:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1000266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	994494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356380	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.67	69	316525	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.27	63	514011	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.17	46	673639	88.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.81%
24) Chloroform-d	4.64	84	672401	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.30	65	461342	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.33	84	1389871	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
36) 1,2-Dichloropropane-d6	6.32	67	482402	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.56	98	1143643	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	191380	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.31	63	425832	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679302	47.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	381214	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	31204	2.508	ug/L # 57
13) Acetone	2.32	43	14353	1.680	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	335976	38.516	ug/L 99
34) Trichloroethene	6.18	95	519088	58.567	ug/L 97
46) Tetrachloroethene	8.22	164	19466	3.222	ug/L 95

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

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