

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029969.D
 Acq On : 11 Mar 2019 11:33
 Operator : JC/SP
 Sample : K1734-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B1

Quant Time: Mar 11 12:47:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:44:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	488052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142175	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.50%
7) Chloroethane-d5	1.68	69	120959	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.27	63	209225	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	4.17	46	221399	95.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.97%
24) Chloroform-d	4.64	84	288247	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.31	65	173216	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.34	84	618231	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.33	67	189725	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.56	98	573776	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.85	79	85374	49.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.88%
47) 2-Hexanone-d5	8.31	63	175829	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283624	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	229441	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	6070	1.232	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3833	1.232	ug/L #	48
12) 1,1-Dichloroethene	2.28	96	7177	2.378	ug/L #	1
13) Acetone	2.32	43	10657	4.235	ug/L	92
16) Methylene chloride	2.70	84	2185	0.617	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	46315	12.684	ug/L	96
34) Trichloroethene	6.18	95	73191	21.445	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4494	0.895	ug/L #	61
45) 1,1,2-Trichloroethane	8.22	97	38173	11.395	ug/L #	1
46) Tetrachloroethene	8.23	164	5456722	1856.447	ug/L	97
48) 2-Hexanone	8.36	43	9940	2.672	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	22527	5.150	ug/L	92

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

