

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031230.D
 Acq On : 16 Apr 2019 23:05
 Operator : JC/SP
 Sample : K2339-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39

Quant Time: Apr 17 05:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	200338	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.96%
7) Chloroethane-d5	1.68	69	169946	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.92%
11) 1,1-Dichloroethene-d2	2.28	63	943785	105.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	211.54%#
21) 2-Butanone-d5	4.19	46	308432	94.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.02%
24) Chloroform-d	4.64	84	317400	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.31	65	210064	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
32) Benzene-d6	5.34	84	653929	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.33	67	212188	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.78%
41) Toluene-d8	7.56	98	569175	42.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.86%
43) trans-1,3-Dichloropropene-	7.85	79	93141	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.68%
47) 2-Hexanone-d5	8.31	63	207151	89.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290289	42.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	201442	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	52868	9.878	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	14823	3.803	ug/L #	72
12) 1,1-Dichloroethene	2.28	96	1191219	311.633	ug/L #	66
13) Acetone	2.35	43	7386	2.926	ug/L	89
16) Methylene chloride	2.70	84	5005	1.342	ug/L	98
19) 1,1-Dichloroethane	3.44	63	275319	39.770	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	92642	22.856	ug/L	92
30) 1,1,1-Trichloroethane	4.91	97	35834	5.682	ug/L	99
34) Trichloroethene	6.18	95	68057	16.967	ug/L	98
46) Tetrachloroethene	8.22	164	397009	131.590	ug/L	97

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

