

Data File : VU033767.D
Acq On : 12 Aug 2019 13:05
Operator : JC/SP
Sample : K4202-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B22

Quant Time: Aug 12 16:57:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 16:26:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	375685	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	373911	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147725	53.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.84%
7) Chloroethane-d5	1.67	69	120861	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	195420	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
21) 2-Butanone-d5	4.15	46	181966	106.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.62	84	229810	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.86%
26) 1,2-Dichloroethane-d4	5.29	65	149075	58.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.06%
32) Benzene-d6	5.32	84	470890	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
36) 1,2-Dichloropropane-d6	6.31	67	150029	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.80%
41) Toluene-d8	7.55	98	409085	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%
43) trans-1,3-Dichloropropene-	7.83	79	66994	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
47) 2-Hexanone-d5	8.29	63	127034	90.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	209755	52.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	154900	55.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.62%

Target Compounds

						Qvalue
5) Vinyl chloride	1.39	62	619151	195.777	ug/L	97
8) Chloroethane	1.69	64	95128	39.511	ug/L	98
12) 1,1-Dichloroethene	2.27	96	18248	8.260	ug/L #	1
17) trans-1,2-Dichloroethene	2.96	96	35127	14.836	ug/L	87
20) cis-1,2-Dichloroethene	4.20	96	2602064	963.478	ug/L	94
34) Trichloroethene	6.16	95	1504111	547.822	ug/L	95
46) Tetrachloroethene	8.21	164	1961095	866.480	ug/L	95

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

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