

Data File : VU033733.D
Acq On : 10 Aug 2019 22:26
Operator : JC/SP
Sample : K4289-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B35

Quant Time: Aug 12 01:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:51:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292320	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289800	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138747	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37073	17.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.46%#
7) Chloroethane-d5	1.67	69	43061	19.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.94%#
11) 1,1-Dichloroethene-d2	2.26	63	53466	14.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	29.56%#
21) 2-Butanone-d5	4.15	46	164607	123.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.39%
24) Chloroform-d	4.62	84	129645	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
26) 1,2-Dichloroethane-d4	5.29	65	85280	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
32) Benzene-d6	5.32	84	207727	30.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.74%#
36) 1,2-Dichloropropane-d6	6.31	67	83186	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.26%
41) Toluene-d8	7.55	98	160706	24.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.96%#
43) trans-1,3-Dichloropropene-	7.83	79	35899	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
47) 2-Hexanone-d5	8.29	63	116826	107.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.46%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165840	53.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.82%
64) 1,2-Dichlorobenzene-d4	11.84	152	100279	42.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.88%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	42225	17.159	ug/L	96
13) Acetone	2.31	43	2286	1.704	ug/L	95
17) trans-1,2-Dichloroethene	2.97	96	2020	1.096	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	31657	15.065	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	6999	2.187	ug/L	93

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

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