

Data File : VU033734.D
Acq On : 10 Aug 2019 22:50
Operator : JC/SP
Sample : K4289-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B36

Quant Time: Aug 12 01:51:02 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	293431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36441	16.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.74%#
7) Chloroethane-d5	1.67	69	43261	19.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.96%#
11) 1,1-Dichloroethene-d2	2.26	63	52539	14.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.94%#
21) 2-Butanone-d5	4.15	46	166691	124.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.48%
24) Chloroform-d	4.62	84	128738	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.24%
26) 1,2-Dichloroethane-d4	5.29	65	83239	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
32) Benzene-d6	5.32	84	206016	29.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.20%#
36) 1,2-Dichloropropane-d6	6.31	67	83141	38.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.84%
41) Toluene-d8	7.55	98	167604	25.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.20%#
43) trans-1,3-Dichloropropene-	7.83	79	35764	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.32%
47) 2-Hexanone-d5	8.29	63	118393	107.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167926	53.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	101101	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	19383	7.847 ug/L	91
13) Acetone	2.31	43	4201	3.120 ug/L	93
17) trans-1,2-Dichloroethene	2.97	96	2402	1.299 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	73532	34.859 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	63657	19.540 ug/L	97

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

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