

Data File : VU033735.D
Acq On : 10 Aug 2019 23:13
Operator : JC/SP
Sample : K4289-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B37

Quant Time: Aug 12 01:52:55 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	294607	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42435	19.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.14%#
7) Chloroethane-d5	1.67	69	43713	20.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.22%#
11) 1,1-Dichloroethene-d2	2.26	63	54319	14.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	29.80%#
21) 2-Butanone-d5	4.15	46	174758	129.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.98%
24) Chloroform-d	4.62	84	125975	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.29	65	84549	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.94%
32) Benzene-d6	5.32	84	205556	29.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.94%#
36) 1,2-Dichloropropane-d6	6.31	67	83686	39.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.52%
41) Toluene-d8	7.55	98	159536	24.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.46%#
43) trans-1,3-Dichloropropene-	7.83	79	34738	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
47) 2-Hexanone-d5	8.29	63	122090	111.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.97%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	164591	52.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	99660	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	656464	264.701	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	67816	36.525	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	2972267	1403.435	ug/L	96
33) Benzene	5.37	78	10503	1.298	ug/L	100
34) Trichloroethene	6.16	95	196294	91.973	ug/L	96
35) Methylcyclohexane	6.39	83	4307	1.326	ug/L	92
46) Tetrachloroethene	8.21	164	117668	66.882	ug/L	98

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

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