

Data File : VU033653.D
Acq On : 08 Aug 2019 21:15
Operator : JC/SP
Sample : K4202-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B04

Quant Time: Aug 09 12:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	288625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147550	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.56%
7) Chloroethane-d5	1.67	69	122408	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.78%
11) 1,1-Dichloroethene-d2	2.26	63	188318	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
21) 2-Butanone-d5	4.15	46	195370	81.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.88%
24) Chloroform-d	4.62	84	199145	36.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.76%
26) 1,2-Dichloroethane-d4	5.29	65	151934	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
32) Benzene-d6	5.32	84	475865	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.31	67	151580	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.70%
41) Toluene-d8	7.55	98	424026	42.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.38%
43) trans-1,3-Dichloropropene-	7.83	79	68285	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
47) 2-Hexanone-d5	8.29	63	148248	85.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	222871	41.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	164984	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	58623	18.713 ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	3860	1.814 ug/L	88
18) Methyl tert-butyl Ether	2.98	73	40389	6.045 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	128458	53.623 ug/L	98

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

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