

Data File : VU033726.D

Acq On : 10 Aug 2019 14:30

Operator : JC/SP

Sample : K4202-12RE

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B27RE

Quant Time: Aug 12 01:37:46 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M

Quant Title : VOC Analysis

QLast Update : Sun Aug 11 04:24:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	290961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	284752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41461	19.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.72%#
7) Chloroethane-d5	1.67	69	45399	21.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.30%#
11) 1,1-Dichloroethene-d2	2.26	63	55602	15.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	30.88%#
21) 2-Butanone-d5	4.15	46	185433	139.65	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.65%#
24) Chloroform-d	4.62	84	130430	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.98%
26) 1,2-Dichloroethane-d4	5.29	65	86179	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
32) Benzene-d6	5.32	84	205045	30.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.02%#
36) 1,2-Dichloropropane-d6	6.31	67	85089	41.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.52%
41) Toluene-d8	7.55	98	161175	25.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.00%#
43) trans-1,3-Dichloropropene-	7.83	79	37213	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
47) 2-Hexanone-d5	8.29	63	131077	122.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165827	54.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	98128	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	35959	14.681 ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	5884	3.209 ug/L	92
20) cis-1,2-Dichloroethene	4.20	96	14058	6.721 ug/L	98

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

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