

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036634.D
 Acq On : 30 Jan 2020 21:39
 Operator : JC/MD
 Sample : L1303-08ME
 Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF3ME

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:46:26 AM

Quant Time: Jan 31 05:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	290727	50.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.84	152	152864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81138	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.32%
7) Chloroethane-d5	1.89	69	17975	9.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	18.42%#
11) 1,1-Dichloroethene-d2	2.55	63	106566	28.96	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.92%#
21) 2-Butanone-d5	4.69	46	106545	78.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.88%
24) Chloroform-d	5.11	84	152813	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.02%
26) 1,2-Dichloroethane-d4	5.74	65	99766	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
32) Benzene-d6	5.76	84	346719	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	112227	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.94	98	345000	43.85	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	8.22	79	53717m	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	177738	47.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.88%
64) 1,2-Dichlorobenzene-d4	12.22	152	134060	40.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.74%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	2012	0.817 ug/L	98
13) Acetone	2.68	43	2367	1.810 ug/L	98
20) cis-1,2-Dichloroethene	4.70	96	7505	3.255 ug/L	90
34) Trichloroethene	6.57	95	100786	45.048 ug/L	99
46) Tetrachloroethene	8.59	164	32218694m	17726.585 ug/L	
51) Chlorobenzene	9.49	112	45044	7.306 ug/L	97

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

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