

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030286.D
 Acq On : 21 Mar 2019 23:10
 Operator : JC/SP
 Sample : K2017-18
 Misc : 5.12g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0E4

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 1:06:25 PM

Quant Time: Mar 22 06:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 05:14:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508124	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	259483	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119497	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.56%
7) Chloroethane-d5	1.64	69	53198m	19.36	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.72%#
11) 1,1-Dichloroethene-d2	2.23	63	158477m	25.28	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.56%#
21) 2-Butanone-d5	4.20	46	180164	70.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.68%
24) Chloroform-d	4.64	84	205639	32.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.22%#
26) 1,2-Dichloroethane-d4	5.30	65	127186	35.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.72%
32) Benzene-d6	5.33	84	455095	33.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.54%#
36) 1,2-Dichloropropane-d6	6.32	67	141809	34.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	68.02%#
41) Toluene-d8	7.56	98	405039	31.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.94%#
43) trans-1,3-Dichloropropene-	7.85	79	63683	31.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.74%
47) 2-Hexanone-d5	8.32	63	146493	67.75	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	227342	35.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	178965	34.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.70%#

Target Compounds	Ovalue

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

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