

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030281.D
 Acq On : 21 Mar 2019 21:15
 Operator : JC/SP
 Sample : K2017-13
 Misc : 5.25u/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D9

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 1:06:01 PM

Quant Time: Mar 22 06:28:12 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	616772	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	628591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	328445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116835	28.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.02%#
7) Chloroethane-d5	1.64	69	50862m	15.25	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.50%#
11) 1,1-Dichloroethene-d2	2.23	63	159012	20.90	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.80%#
21) 2-Butanone-d5	4.20	46	176844	57.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.16%
24) Chloroform-d	4.64	84	213135	27.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.70%#
26) 1,2-Dichloroethane-d4	5.30	65	128268	29.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.76%#
32) Benzene-d6	5.33	84	467690	28.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.46%#
36) 1,2-Dichloropropane-d6	6.32	67	144260	28.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	56.30%#
41) Toluene-d8	7.56	98	422749	27.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.28%#
43) trans-1,3-Dichloropropene-	7.85	79	66565	26.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.34%#
47) 2-Hexanone-d5	8.32	63	164102	61.74	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	61.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	243998	31.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.08%#
64) 1,2-Dichlorobenzene-d4	11.86	152	192780	29.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	58.46%#

Target Compounds Ovalue

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

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