

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029922.D
 Acq On : 09 Mar 2019 16:05
 Operator : JC/SP
 Sample : K1789-16
 Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P9

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:53:23 AM

Quant Time: Mar 11 03:43:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	567019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	304460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146173	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.50%
7) Chloroethane-d5	1.64	69	59454m	20.44	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.88%#
11) 1,1-Dichloroethene-d2	2.23	63	205069m	31.45	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	4.19	46	230579	86.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.03%
24) Chloroform-d	4.64	84	263562	39.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.30%
26) 1,2-Dichloroethane-d4	5.30	65	168114	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
32) Benzene-d6	5.33	84	580015	40.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.32	67	177205	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.12%
41) Toluene-d8	7.56	98	546432	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#
43) trans-1,3-Dichloropropene-	7.85	79	81949	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.32	63	213504	91.95	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303105	44.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	246876	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%

Target Compounds					Ovalue
3) Chloromethane	1.32	50	62965	11.001 ug/L	99
6) Bromomethane	1.60	94	3555m	3.024 ug/L	

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

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