

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\
 Data File : VU029866.D
 Acq On : 07 Mar 2019 21:21
 Operator : JC/SP
 Sample : K1789-04ME
 Misc : 5.86g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOP0ME

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:23:21 AM

Quant Time: Mar 08 06:59:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 04:31:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479348	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246632	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115855	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.96%
7) Chloroethane-d5	1.64	69	54278m	17.38	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.76%#
11) 1,1-Dichloroethene-d2	2.23	63	172326	25.10	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.20%#
21) 2-Butanone-d5	4.20	46	212900	99.60	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	4.64	84	237662	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.30	65	155319	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
32) Benzene-d6	5.33	84	522374	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
36) 1,2-Dichloropropane-d6	6.32	67	164415	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.72%
41) Toluene-d8	7.56	98	478307	39.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.66%#
43) trans-1,3-Dichloropropene-	7.85	79	73281	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
47) 2-Hexanone-d5	8.32	63	194706	97.53	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281179	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	223339	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	296850	92.727 ug/L	99

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

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