

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030044.D
 Acq On : 13 Mar 2019 20:57
 Operator : JC/SP
 Sample : K1885-03ME
 Misc : 5.94g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF187ME

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:25:37 AM

Quant Time: Mar 14 06:27:19 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 14 03:50:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	539732	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	544883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120495	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.50%
7) Chloroethane-d5	1.64	69	57731	20.03	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.06%#
11) 1,1-Dichloroethene-d2	2.23	63	169699m	26.33	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	4.19	46	246757	92.25	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.25%
24) Chloroform-d	4.64	84	256381	40.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	5.30	65	157691	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
32) Benzene-d6	5.33	84	541140	38.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.16%
36) 1,2-Dichloropropane-d6	6.32	67	177774	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.82%
41) Toluene-d8	7.56	98	491893	37.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.90%#
43) trans-1,3-Dichloropropene-	7.85	79	82087	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.96%
47) 2-Hexanone-d5	8.32	63	234426	97.60	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322956	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	247598	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
46) Tetrachloroethene	8.22	164	29238	8.176	ug/L	99

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

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