

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030053.D
 Acq On : 14 Mar 2019 00:23
 Operator : JC/SP
 Sample : K1885-12
 Misc : 5.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF196

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:25:42 AM

Quant Time: Mar 14 04:57:22 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	533120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	536123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62461	17.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	35.42%#
7) Chloroethane-d5	1.64	69	29032m	10.20	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.40%#
11) 1,1-Dichloroethene-d2	2.23	63	81413	12.79	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	25.58%#
21) 2-Butanone-d5	4.20	46	108123	40.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	40.92%
24) Chloroform-d	4.64	84	117709	18.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	37.22%#
26) 1,2-Dichloroethane-d4	5.30	65	72809	19.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	39.84%#
32) Benzene-d6	5.33	84	247052	17.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	35.80%#
36) 1,2-Dichloropropane-d6	6.32	67	79829	18.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	37.80%#
41) Toluene-d8	7.56	98	220267	17.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	34.08%#
43) trans-1,3-Dichloropropene-	7.85	79	34705	16.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.92%#
47) 2-Hexanone-d5	8.32	63	101454	42.93	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	42.93%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142815	22.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	44.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	110529	19.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	39.68%#

Target Compounds					Qvalue
46) Tetrachloroethene	8.22	164	5287	1.503 ug/L	92

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

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