

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\
 Data File : VU029871.D
 Acq On : 07 Mar 2019 23:17
 Operator : JC/SP
 Sample : K1789-08ME
 Misc : 5.60µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P4ME

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:23:38 AM

Quant Time: Mar 08 07:16:43 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	498147	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	252085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117718	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.50%
7) Chloroethane-d5	1.64	69	54570m	16.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.64%#
11) 1,1-Dichloroethene-d2	2.23	63	172894	24.23	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.46%#
21) 2-Butanone-d5	4.20	46	228640	102.93	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.93%
24) Chloroform-d	4.64	84	245376	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
26) 1,2-Dichloroethane-d4	5.30	65	160956	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
32) Benzene-d6	5.33	84	532257	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
36) 1,2-Dichloropropane-d6	6.32	67	169997	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.56	98	487379	39.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.26%#
43) trans-1,3-Dichloropropene-	7.85	79	75645	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.32	63	208609	102.02	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294658	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	226309	41.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.32%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	80297	24.488 ug/L	97

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

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