

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
 Data File : VU033113.D
 Acq On : 01 Jul 2019 14:21
 Operator : JC/SP
 Sample : K3599-02
 Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM11

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:00:10 AM

Quant Time: Jul 02 07:02:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 04:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	220634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55493	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.60%
7) Chloroethane-d5	1.64	69	38116m	31.70	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.40%#
11) 1,1-Dichloroethene-d2	2.22	63	97856	32.21	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.42%
21) 2-Butanone-d5	4.19	46	135298	107.81	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.63	84	138771	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.30	65	101131	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.32	84	264871	46.20	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.32	67	87798	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.56	98	237840	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	42752	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.32	63	83515	97.93	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137951	48.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	98881	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds					Ovalue
22) 2-Butanone	4.29	43	18515m	10.305	ug/L
46) Tetrachloroethene	8.22	164	17281	12.458	ug/L

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

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