

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036643.D
 Acq On : 31 Jan 2020 01:52
 Operator : JC/MD
 Sample : L1324-15
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT70

Quant Time: Jan 31 07:01:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	157341	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66311	29.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.12%#
7) Chloroethane-d5	1.89	69	15839	8.23	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.46%#
11) 1,1-Dichloroethene-d2	2.54	63	90155	24.85	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.70%#
21) 2-Butanone-d5	4.70	46	60369	45.34	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	45.34%
24) Chloroform-d	5.11	84	135523	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.78%
26) 1,2-Dichloroethane-d4	5.74	65	89426	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.10%
32) Benzene-d6	5.76	84	316938	38.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.58%
36) 1,2-Dichloropropane-d6	6.73	67	101803	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.94%
41) Toluene-d8	7.93	98	310859	39.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.06%#
43) trans-1,3-Dichloropropene-	8.21	79	48345	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
47) 2-Hexanone-d5	8.69	63	122800	102.66	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	156303	41.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.42%
64) 1,2-Dichlorobenzene-d4	12.22	152	133634	39.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.16%#

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1921	0.791	ug/L 98
13) Acetone	2.69	43	2262	1.755	ug/L 69
15) Methyl Acetate	3.00	43	1712	0.849	ug/L # 85
22) 2-Butanone	4.77	43	9678	6.249	ug/L # 47
42) Toluene	8.00	91	254493	26.611	ug/L 100
46) Tetrachloroethene	8.58	164	34809	18.920	ug/L 99
52) Ethylbenzene	9.60	91	2912890	278.047	ug/L 100
53) m,p-Xylene	9.72	106	1493329	365.467	ug/L 98
54) o-xylene	10.13	106	1015113	249.060	ug/L 99
55) Styrene	10.15	104	1438548	217.493	ug/L 99
56) Isopropylbenzene	10.51	105	82240	7.936	ug/L 99

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

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