

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036645.D
 Acq On : 31 Jan 2020 02:42
 Operator : JC/MD
 Sample : L1324-18
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT73

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:46:44 AM

Quant Time: Jan 31 07:17:52 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	6.29	114	300282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	157819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68969	30.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.34%
7) Chloroethane-d5	1.89	69	16043	8.31	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.62%#
11) 1,1-Dichloroethene-d2	2.54	63	91481m	25.16	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.32%#
21) 2-Butanone-d5	4.70	46	62607	46.90	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.90%
24) Chloroform-d	5.11	84	136156	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.94%
26) 1,2-Dichloroethane-d4	5.74	65	88486	38.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.10%
32) Benzene-d6	5.76	84	318086	38.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.38%
36) 1,2-Dichloropropane-d6	6.73	67	103431	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.76%
41) Toluene-d8	7.93	98	311512	39.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.78%#
43) trans-1,3-Dichloropropene-	8.21	79	48537	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.68%
47) 2-Hexanone-d5	8.69	63	122197	102.86	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	151724	40.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.56%
64) 1,2-Dichlorobenzene-d4	12.22	152	134371	39.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.36%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2027	0.832	ug/L	94
13) Acetone	2.69	43	2475	1.915	ug/L	95
29) Cyclohexane	5.41	56	6826	2.041	ug/L	88
33) Benzene	5.81	78	222673	25.484	ug/L	100
35) Methylcyclohexane	6.79	83	8507	2.268	ug/L #	73
42) Toluene	8.00	91	115579	12.170	ug/L	99
46) Tetrachloroethene	8.58	164	25159	13.770	ug/L	99
52) Ethylbenzene	9.60	91	723462	69.538	ug/L	100
53) m,p-Xylene	9.73	106	1938901	477.816	ug/L	98
54) o-xylene	10.13	106	922242	227.848	ug/L	99
55) Styrene	10.15	104	2674212	407.126	ug/L	99
56) Isopropylbenzene	10.51	105	27343	2.657	ug/L	98

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

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