

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036484.D
 Acq On : 15 Jan 2020 22:09
 Operator : JC/MD
 Sample : L1109-05ME
 Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASG4ME

Manual Integrations
 APPROVED

apatel
 1/16/2020 12:04:31 PM

Quant Time: Jan 20 05:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	514277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	494062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142928	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.89	69	106976m	37.06	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.12%
11) 1,1-Dichloroethene-d2	2.55	63	218381m	34.11	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.22%
21) 2-Butanone-d5	4.69	46	233470	81.44	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.44%
24) Chloroform-d	5.11	84	312205	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.74	65	213443	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
32) Benzene-d6	5.76	84	637436	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.73	67	208792	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.38%
41) Toluene-d8	7.93	98	600354	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	8.21	79	106784	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.68	63	240855	111.85	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.85%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	322559	51.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.06%
64) 1,2-Dichlorobenzene-d4	12.22	152	242174	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds					Ovalue
53) m,p-Xylene	9.72	106	187798	29.160 ug/L	97
54) o-xylene	10.13	106	122129	18.995 ug/L	96
56) Isopropylbenzene	10.51	105	59697	3.618 ug/L	97

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

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