

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036500.D
 Acq On : 16 Jan 2020 14:07
 Operator : JC/MD
 Sample : L1109-10ME 4X
 Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASG9ME

Manual Integrations
 APPROVED

apatel
 1/20/2020 8:26:27 AM

Quant Time: Jan 20 06:49:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:24:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	523328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	531505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	288449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136961	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.90	69	136388	46.44	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.58	63	223111	34.25	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.68	46	302788	103.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	5.11	84	329432m	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.74	65	226889	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.77	84	647849	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.73	67	215062	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.93	98	630805	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	8.21	79	115712	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.67	63	269417	116.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	374298	55.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	280498	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
42) Toluene	8.00	91	60729	3.661	ug/L	97
52) Ethylbenzene	9.60	91	238478	12.871	ug/L	100
53) m,p-Xylene	9.72	106	236589	34.148	ug/L	99
54) o-xylene	10.12	106	604305	87.369	ug/L	98
55) Styrene	10.14	104	169417	15.102	ug/L #	73
56) Isopropylbenzene	10.51	105	63947	3.602	ug/L	98

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

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