

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036485.D
 Acq On : 15 Jan 2020 22:34
 Operator : JC/MD
 Sample : L1118-11
 Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASK2

Manual Integrations
 APPROVED

apatel
 1/16/2020 12:05:43 PM

Quant Time: Jan 16 20:33:20 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	584213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	583674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	305283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151288	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.88%
7) Chloroethane-d5	1.89	69	104702	31.93	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.86%#
11) 1,1-Dichloroethene-d2	2.56	63	230202m	31.65	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.69	46	270395	83.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.03%
24) Chloroform-d	5.11	84	320029	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	5.74	65	220670	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.76	84	648669	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
36) 1,2-Dichloropropane-d6	6.73	67	212823	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.74%
41) Toluene-d8	7.93	98	626865	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	8.21	79	111569	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.44%
47) 2-Hexanone-d5	8.68	63	253403	99.61	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.61%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	336212	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	262068	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%

Target Compounds

					Ovalue
15) Methyl Acetate	2.99	43	4129	0.876	ug/L 92
33) Benzene	5.81	78	212077	12.645	ug/L 100
34) Trichloroethene	6.57	95	4629	1.022	ug/L 94
35) Methylcyclohexane	6.79	83	10945	1.570	ug/L 92
42) Toluene	8.00	91	4119781	226.159	ug/L 100
52) Ethylbenzene	9.60	91	1913323	94.038	ug/L 98
53) m,p-Xylene	9.72	106	4803802	631.378	ug/L 98
54) o-xylene	10.13	106	2141489	281.939	ug/L 96
55) Styrene	10.15	104	2259156	183.390	ug/L 99
56) Isopropylbenzene	10.51	105	134430	6.896	ug/L 97

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

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