

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034771.D
 Acq On : 24 Sep 2019 15:15
 Operator : JC/SP
 Sample : K4984-09 10X
 Misc : 4.59g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDL3

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 10:06:36 AM

Quant Time: Sep 25 04:06:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	494628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	472553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	224284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	186817	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.78%
7) Chloroethane-d5	1.66	69	163956m	41.89	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.25	63	254318	29.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.32%#
21) 2-Butanone-d5	4.15	46	380686	98.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.09%
24) Chloroform-d	4.62	84	327108	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.28	65	227579	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
32) Benzene-d6	5.31	84	701460	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
36) 1,2-Dichloropropane-d6	6.31	67	243951	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.54	98	671899	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.83	79	110700	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.29	63	264203	102.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	346966	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.84	152	242114	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds					Ovalue
35) Methylcyclohexane	6.39	83	13225	1.925 ug/L	95
46) Tetrachloroethene	8.21	164	3593	1.262 ug/L	91
56) Isopropylbenzene	10.14	105	31757	1.686 ug/L	94

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

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