

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034790.D
 Acq On : 24 Sep 2019 22:41
 Operator : JC/SP
 Sample : K4984-06ME 10X
 Misc : 4.99g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDLOME

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 10:04:49 AM

Quant Time: Sep 25 07:48:13 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	596287	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	558062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	246417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	209341	34.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.58%
7) Chloroethane-d5	1.66	69	188340	39.92	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.84%
11) 1,1-Dichloroethene-d2	2.25	63	296063m	28.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.28%#
21) 2-Butanone-d5	4.15	46	467142	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.62	84	391693	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.28	65	280796	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
32) Benzene-d6	5.31	84	826530	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.31	67	293474	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.54	98	797234	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.83	79	129786	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.29	63	324324	106.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.81%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	415652	49.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	269878	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	39842	7.989 ug/L	95
34) Trichloroethene	6.17	95	25761	5.389 ug/L	89
46) Tetrachloroethene	8.21	164	2607516	775.510 ug/L	98

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

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