

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034660.D
 Acq On : 19 Sep 2019 20:39
 Operator : JC/SP
 Sample : K4895-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDF9

Quant Time: Sep 20 04:48:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	481324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	450581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	202651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	227346	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.28%
7) Chloroethane-d5	1.67	69	179859	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.26	63	298289	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.50%
21) 2-Butanone-d5	4.15	46	397749	105.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.62	84	348912	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.29	65	258348	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.32	84	693238	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.31	67	247061	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.54	98	659803	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	7.83	79	114954	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.29	63	255870	104.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328703	48.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	221494	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	159895	36.398	ug/L	98
14) Carbon disulfide	2.46	76	10756	1.012	ug/L #	90
15) Methyl Acetate	2.60	43	13754	2.344	ug/L	97
16) Methylene chloride	2.68	84	4928	1.235	ug/L	92
22) 2-Butanone	4.25	43	48030	9.190	ug/L	98
29) Cyclohexane	4.97	56	7936	1.067	ug/L	93
33) Benzene	5.37	78	32586	2.085	ug/L	100
35) Methylcyclohexane	6.39	83	8241	1.258	ug/L	94
51) Chlorobenzene	9.10	112	195323	19.025	ug/L	99
52) Ethylbenzene	9.23	91	29665	1.560	ug/L	100
53) m,p-Xylene	9.36	106	24142	3.584	ug/L	93
54) o-xylene	9.76	106	10932	1.641	ug/L	90
56) Isopropylbenzene	10.14	105	34275	1.908	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	12597	1.762	ug/L	92
65) 1,2-Dichlorobenzene	11.85	146	23891	3.369	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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