

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034667.D
 Acq On : 19 Sep 2019 23:23
 Operator : JC/SP
 Sample : K4895-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDJ1

Quant Time: Sep 20 05:45:02 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	493194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	464784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	220644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220815	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.67	69	177197	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.26	63	292196	34.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.34%
21) 2-Butanone-d5	4.15	46	382772	98.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.62	84	346017	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.29	65	253812	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.32	84	692299	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	6.31	67	244519	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.12%
41) Toluene-d8	7.54	98	657386	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%
43) trans-1,3-Dichloropropene-	7.83	79	113661	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.29	63	258513	102.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	322905	46.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.44%
64) 1,2-Dichlorobenzene-d4	11.84	152	231125	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	23823	5.292	ug/L	93
20) cis-1,2-Dichloroethene	4.21	96	4156	1.008	ug/L	99
29) Cyclohexane	4.97	56	8210	1.070	ug/L #	96
33) Benzene	5.37	78	30620	1.900	ug/L	100
34) Trichloroethene	6.16	95	76305	19.167	ug/L	97
35) Methylcyclohexane	6.39	83	9088	1.345	ug/L #	84
40) 4-Methyl-2-pentanone	7.44	43	42234	4.609	ug/L	99
42) Toluene	7.61	91	431076	24.744	ug/L	99
46) Tetrachloroethene	8.21	164	10515	3.755	ug/L	83
52) Ethylbenzene	9.23	91	345098	17.591	ug/L	97
53) m,p-Xylene	9.35	106	473785	68.185	ug/L	95
54) o-xylene	9.76	106	274290	39.911	ug/L	99
56) Isopropylbenzene	10.14	105	47249	2.550	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	8541	1.097	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	94975	12.302	ug/L	96

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

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

