

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034659.D
 Acq On : 19 Sep 2019 20:16
 Operator : JC/SP
 Sample : K4895-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BDF8

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:43:36 PM

Quant Time: Sep 20 04:41:09 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	462719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	451534	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	205491	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	226798	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.76%
7) Chloroethane-d5	1.67	69	179557	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.26	63	300105	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.82%
21) 2-Butanone-d5	4.15	46	396031	109.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	4.62	84	340003	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
26) 1,2-Dichloroethane-d4	5.29	65	256295	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.32	84	697714	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
36) 1,2-Dichloropropane-d6	6.31	67	246169	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.64%
41) Toluene-d8	7.54	98	655707	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%
43) trans-1,3-Dichloropropene-	7.83	79	117934	50.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.68%
47) 2-Hexanone-d5	8.29	63	260120	105.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.87%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	325414	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	221322	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	41844	9.908	ug/L	100
15) Methyl Acetate	2.61	43	5283m	0.936	ug/L	
16) Methylene chloride	2.68	84	7651	1.995	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	5559m	1.436	ug/L	
22) 2-Butanone	4.26	43	23180	4.614	ug/L	79
33) Benzene	5.37	78	32119	2.051	ug/L	100
34) Trichloroethene	6.17	95	11553	2.987	ug/L	93
35) Methylcyclohexane	6.40	83	6321m	0.963	ug/L	
42) Toluene	7.62	91	442486	26.145	ug/L	99
46) Tetrachloroethene	8.21	164	18785	6.905	ug/L	98
52) Ethylbenzene	9.23	91	171319	8.989	ug/L	98
53) m,p-Xylene	9.35	106	307018	45.482	ug/L	98
54) o-xylene	9.76	106	274630	41.133	ug/L	99
56) Isopropylbenzene	10.14	105	35981	1.999	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	67919	9.446	ug/L	98

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

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