

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034662.D
 Acq On : 19 Sep 2019 21:26
 Operator : JC/SP
 Sample : K4895-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH8

Quant Time: Sep 20 05:05:49 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	471011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	453127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	206693	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	227221	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.67	69	181751	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.26	63	301972	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	4.15	46	393712	106.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.53%
24) Chloroform-d	4.62	84	341989	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.29	65	254137	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.32	84	702020	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.31	67	246217	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.32%
41) Toluene-d8	7.54	98	657696	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	7.83	79	115245	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
47) 2-Hexanone-d5	8.29	63	255717	103.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	320143	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	217928	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	23528	5.473	ug/L	96
16) Methylene chloride	2.68	84	4818	1.234	ug/L	88
42) Toluene	7.62	91	19837	1.168	ug/L	99
52) Ethylbenzene	9.23	91	33426	1.748	ug/L	96
53) m,p-Xylene	9.35	106	41632	6.146	ug/L	98
54) o-xylene	9.76	106	37526	5.601	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	10264	1.419	ug/L	95

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

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