

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034675.D
 Acq On : 20 Sep 2019 02:30
 Operator : JC/SP
 Sample : K4895-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD7

Quant Time: Sep 20 07:32:42 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	505801	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	482157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	225368	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.67	69	187979	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.26	63	304386	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.15	46	405358	102.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.62	84	295482	39.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.50%
26) 1,2-Dichloroethane-d4	5.29	65	263843	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.32	84	716974	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.31	67	253999	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.54	98	677235	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.83	79	117244	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.29	63	266465	101.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	231180	31.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.80%#
64) 1,2-Dichlorobenzene-d4	11.84	152	222319	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%

Target Compounds

					Ovalue
13) Acetone	2.31	43	27115	5.874	ug/L 98
16) Methylene chloride	2.69	84	4743	1.131	ug/L 90
25) Chloroform	4.65	83	58188	7.119	ug/L 91
42) Toluene	7.62	91	29860	1.652	ug/L 100
53) m,p-Xylene	9.35	106	19702	2.733	ug/L 85
54) o-xylene	9.76	106	14131	1.982	ug/L 94

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

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