

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034787.D
 Acq On : 24 Sep 2019 21:30
 Operator : JC/SP
 Sample : K4948-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN5

Quant Time: Sep 25 07:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	580347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	541078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	237475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204841	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.96%
7) Chloroethane-d5	1.67	69	183598	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.96%
11) 1,1-Dichloroethene-d2	2.26	63	290408	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.15	46	455586	100.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.05%
24) Chloroform-d	4.62	84	383289	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.29	65	271087	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
32) Benzene-d6	5.31	84	811120	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.31	67	286146	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.54	98	761101	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.83	79	126948	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.29	63	308356	104.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	391304	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	256340	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

					Ovalue
13) Acetone	2.31	43	14531	2.743 ug/L	93
18) Methyl tert-butyl Ether	2.98	73	15294	0.993 ug/L #	92
20) cis-1,2-Dichloroethene	4.20	96	68014	14.012 ug/L	86
34) Trichloroethene	6.16	95	31284	6.750 ug/L	97
46) Tetrachloroethene	8.21	164	375810	115.279 ug/L	94

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

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