

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033702.D
 Acq On : 09 Aug 2019 22:52
 Operator : JC/SP
 Sample : K4202-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B40

Quant Time: Aug 12 03:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	380282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	363926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	183642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	132742	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.67	69	130471	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.26	63	182031	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
21) 2-Butanone-d5	4.15	46	261086	150.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.44%#
24) Chloroform-d	4.62	84	253437	60.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.88%
26) 1,2-Dichloroethane-d4	5.28	65	167021	64.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.44%#
32) Benzene-d6	5.32	84	514722	59.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.86%
36) 1,2-Dichloropropane-d6	6.31	67	170875	64.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.66%#
41) Toluene-d8	7.55	98	459670	56.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.80%
43) trans-1,3-Dichloropropene-	7.83	79	79445	59.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.38%
47) 2-Hexanone-d5	8.29	63	201053	147.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.27%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	262591	67.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.70%#
64) 1,2-Dichlorobenzene-d4	11.84	152	197313	63.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.68%#

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	33534	12.267 ug/L	96
34) Trichloroethene	6.17	95	35974	13.462 ug/L	97
46) Tetrachloroethene	8.21	164	19102	8.671 ug/L	95

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

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