

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033754.D
 Acq On : 11 Aug 2019 15:58
 Operator : JC/SP
 Sample : K4289-05RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B18RE

Quant Time: Aug 12 06:47:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	272509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	270356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	120414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33573	16.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.48%#
7) Chloroethane-d5	1.67	69	42984	21.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.76%#
11) 1,1-Dichloroethene-d2	2.26	63	53665	15.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.82%#
21) 2-Butanone-d5	4.15	46	159803	128.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.50%
24) Chloroform-d	4.62	84	124091	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	5.29	65	82526	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
32) Benzene-d6	5.32	84	194820	30.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.06%#
36) 1,2-Dichloropropane-d6	6.31	67	79746	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.46%
41) Toluene-d8	7.55	98	148979	24.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.64%#
43) trans-1,3-Dichloropropene-	7.83	79	30365	30.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.42%
47) 2-Hexanone-d5	8.30	63	107499	106.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	156581	54.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.12%
64) 1,2-Dichlorobenzene-d4	11.84	152	92118	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	4869	2.122 ug/L #	75
18) Methyl tert-butyl Ether	2.98	73	12049	2.145 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	140856	71.902 ug/L	97
34) Trichloroethene	6.17	95	20317	10.234 ug/L	99
46) Tetrachloroethene	8.21	164	6767	4.135 ug/L	92

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

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