

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033911.D
 Acq On : 22 Aug 2019 19:55
 Operator : JC/SP
 Sample : K4454-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B91

Quant Time: Aug 23 03:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	591095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	584992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	251636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	179566	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.28%
7) Chloroethane-d5	1.67	69	163098	39.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.34%
11) 1,1-Dichloroethene-d2	2.25	63	272908	29.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.38%#
21) 2-Butanone-d5	4.15	46	358618	102.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.81%
24) Chloroform-d	4.62	84	372946	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.28	65	249139	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.31	84	730807	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.31	67	252473	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.54	98	601413	40.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.10%
43) trans-1,3-Dichloropropene-	7.85	79	1266	0.51	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1.02%#
47) 2-Hexanone-d5	8.29	63	215819	96.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	363941	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	240328	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	31726	5.137 ug/L	# 6
13) Acetone	2.31	43	17769	5.577 ug/L	92
14) Carbon disulfide	2.46	76	11346	0.885 ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	8876	2.073 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	17833	3.784 ug/L	98
34) Trichloroethene	6.17	95	6555	1.428 ug/L	96

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

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