

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010920\
 Data File : VU036421.D
 Acq On : 09 Jan 2020 16:12
 Operator : JC/MD
 Sample : L1042-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB0

Quant Time: Jan 10 04:38:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 04:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	425937	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	395300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	158402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134594	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.93	69	129720	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.66%
11) 1,1-Dichloroethene-d2	2.59	63	216949	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	4.68	46	260326	105.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.33%
24) Chloroform-d	5.11	84	310967	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	5.75	65	213397	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.12%
32) Benzene-d6	5.77	84	604880	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
36) 1,2-Dichloropropane-d6	6.73	67	205072	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.12%
41) Toluene-d8	7.93	98	571002	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloropropene-	8.21	79	102105	50.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.96%
47) 2-Hexanone-d5	8.67	63	199225	104.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	295584	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	171750	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.61	96	9988	4.052 ug/L #	1
13) Acetone	2.66	43	7629	2.976 ug/L	91
18) Methyl tert-butyl Ether	3.41	73	9908	1.025 ug/L #	89
19) 1,1-Dichloroethane	3.92	63	44219	8.290 ug/L	91
20) cis-1,2-Dichloroethene	4.72	96	4317	1.341 ug/L #	93
30) 1,1,1-Trichloroethane	5.36	97	7227	1.492 ug/L #	50
34) Trichloroethene	6.58	95	9496	3.172 ug/L	86
46) Tetrachloroethene	8.58	164	55235	25.643 ug/L	97

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

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