

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037934.D
 Acq On : 30 Apr 2020 00:33
 Operator : JC/MD
 Sample : L2410-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF8

Quant Time: Apr 30 06:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	590454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	238789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	239519	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.93	69	209955	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.02%
11) 1,1-Dichloroethene-d2	2.59	63	292400	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	4.66	46	398494	97.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.10	84	391348	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	292323	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.76	84	847908	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
36) 1,2-Dichloropropane-d6	6.72	67	291010	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.12%
41) Toluene-d8	7.92	98	727872	50.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%
43) trans-1,3-Dichloropropene-	8.20	79	109049	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.65	63	257593	90.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	398418	54.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.34%
64) 1,2-Dichlorobenzene-d4	12.20	152	256752	55.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	3356	0.936	ug/L	# 1
13) Acetone	2.65	43	7679	3.149	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	264229	60.209	ug/L	94
25) Chloroform	5.13	83	22530	2.980	ug/L	97
34) Trichloroethene	6.57	95	94797	22.992	ug/L	96
46) Tetrachloroethene	8.58	164	8314561	2759.029	ug/L	96

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

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