

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080418\
 Data File : VU025838.D
 Acq On : 03 Aug 2018 23:04
 Operator : MD/SY
 Sample : J4340-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F78

Quant Time: Aug 17 13:30:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303986	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74977	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.68	69	64801	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.54%
11) 1,1-Dichloroethene-d2	2.27	63	120756	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.84%
21) 2-Butanone-d5	4.18	46	145651	108.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.71%
24) Chloroform-d	4.65	84	179358	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	127776	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.35	84	348667	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.34	67	113064	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.57	98	318812	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%
43) trans-1,3-Dichloropropene-	7.85	79	54793	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.31	63	104099	104.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156251	46.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	123229	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	10887	4.88 ug/L	91
34) Trichloroethene	6.19	95	32124	14.65 ug/L	95
46) Tetrachloroethene	8.23	164	91879	48.32 ug/L	98

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

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