

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\  
 Data File : VV007142.D  
 Acq On : 23 Aug 2018 16:04  
 Operator : SY/MD  
 Sample : J4599-12  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleID :  
 ETOL4

Quant Time: Aug 24 02:01:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 24 01:26:08 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	496118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	465415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	162602	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136983	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.56	69	112586	56.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.30%
11) 1,1-Dichloroethene-d2	2.13	63	192830	33.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.80%
21) 2-Butanone-d5	3.95	46	272577	102.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.40	84	316121	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
26) 1,2-Dichloroethane-d4	5.09	65	201477	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.10	84	623925	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.12	67	212954	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.36	98	487915	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.67	79	80086	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.14	63	111189	73.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	292711	47.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	167762	51.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.62%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	9439	4.53	ug/L	99

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

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