

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV121718\  
 Data File : VV008994.D  
 Acq On : 17 Dec 2018 21:17  
 Operator : SY/MD  
 Sample : VV1217WBL02  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK69

Quant Time: Dec 18 03:46:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 18 03:36:51 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203576	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192156	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81910	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57920	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.44%
7) Chloroethane-d5	1.57	69	41884	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.96%
11) 1,1-Dichloroethene-d2	2.13	63	110801	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.92%
21) 2-Butanone-d5	3.93	46	91696	115.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.52%
24) Chloroform-d	4.41	84	124125	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.08	65	83318	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.10	84	257603	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
36) 1,2-Dichloropropane-d6	6.12	67	78905	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.36	98	239992	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%
43) trans-1,3-Dichloropropene-	7.67	79	36176	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.13	63	62637	108.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95509	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	86380	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%

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

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