

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072618\  
 Data File : VU025654.D  
 Acq On : 26 Jul 2018 17:44  
 Operator : MD/SY  
 Sample : J4148-08DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 C0SX3DL

Quant Time: Jul 27 02:44:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 27 02:03:29 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143049	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68927	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.68	69	59550	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.74%
11) 1,1-Dichloroethene-d2	2.27	63	105755	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	4.18	46	144726	112.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.62%
24) Chloroform-d	4.65	84	162917	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	114410	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.35	84	310853	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
36) 1,2-Dichloropropane-d6	6.34	67	101119	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.57	98	286929	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%
43) trans-1,3-Dichloropropene-	7.85	79	48930	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.82%
47) 2-Hexanone-d5	8.31	63	100070	105.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.81%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148480	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	125610	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.89	101	6843	2.112	ug/L	97
34) Trichloroethene	6.19	95	103988	49.905	ug/L	97
46) Tetrachloroethene	8.23	164	9622	5.326	ug/L	98

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

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