

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025450.D
 Acq On : 17 Jul 2018 01:51
 Operator : MD/SY
 Sample : J3984-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5

Quant Time: Jul 17 09:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73882	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.68	69	62218	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	121323	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
21) 2-Butanone-d5	4.18	46	154059	89.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.55%
24) Chloroform-d	4.65	84	175486	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.31	65	122442	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.34	84	337413	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.33	67	110834	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.10%
41) Toluene-d8	7.57	98	313389	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	30740	25.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.44%#
47) 2-Hexanone-d5	8.31	63	108154	86.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.07%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159420	44.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	124812	46.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.26%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	145337	60.11	ug/L	99
14) Carbon disulfide	2.48	76	10096	1.73	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	187244	90.43	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	743898	306.16	ug/L	99
34) Trichloroethene	6.19	95	255793	113.29	ug/L	99
35) Methylcyclohexane	6.33	83	26386	7.31	ug/L #	20
46) Tetrachloroethene	8.23	164	21648	11.57	ug/L	98

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

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