

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025438.D
 Acq On : 16 Jul 2018 20:57
 Operator : MD/SY
 Sample : J3984-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB175

Quant Time: Jul 17 09:04:17 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	333829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303915	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140729	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80314	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.48%
7) Chloroethane-d5	1.68	69	67138	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.10%
11) 1,1-Dichloroethene-d2	2.27	63	121835	31.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.82%
21) 2-Butanone-d5	4.18	46	188334	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.65	84	190704	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.31	65	137068	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.34	84	368193	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	122230	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.98%
41) Toluene-d8	7.57	98	346432	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	7.85	79	53402	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.31	63	142641	108.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179530	47.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	140291	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	293776	115.26	ug/L	99
13) Acetone	2.32	43	7802	4.09	ug/L	91
15) Methyl Acetate	2.62	43	78450	27.64	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	9440	4.32	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	215468	84.12	ug/L	97
34) Trichloroethene	6.19	95	172550	72.89	ug/L	99
42) Toluene	7.64	91	17925	1.88	ug/L	97
46) Tetrachloroethene	8.23	164	25355	12.92	ug/L	93

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

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