

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025448.D
 Acq On : 17 Jul 2018 01:02
 Operator : MD/SY
 Sample : J3984-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB190

Quant Time: Jul 17 12:40:45 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	325877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80237	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.67	69	67638	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.02%
11) 1,1-Dichloroethene-d2	2.27	63	125423	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	4.18	46	188712	106.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.59%
24) Chloroform-d	4.65	84	177906	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
26) 1,2-Dichloroethane-d4	5.31	65	127215	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.34	84	347445	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.33	67	116854	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.57	98	331068	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.85	79	45981	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
47) 2-Hexanone-d5	8.31	63	136050	104.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.75%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175431	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	138162	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	245651	98.73	ug/L	100
13) Acetone	2.32	43	94636	50.78	ug/L	99
14) Carbon disulfide	2.48	76	27714	4.61	ug/L #	95
15) Methyl Acetate	2.62	43	176993	63.88	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	148837	69.85	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	8411375	3363.83	ug/L	98
34) Trichloroethene	6.18	95	2932	1.26	ug/L	89
46) Tetrachloroethene	8.23	164	5495	2.84	ug/L	95

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

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