

Data File : VU025398.D
Acq On : 13 Jul 2018 17:54
Operator : MD/SY
Sample : J3984-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB178

Quant Time: Jul 14 04:35:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85194	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.38%
7) Chloroethane-d5	1.68	69	71038	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.30%
11) 1,1-Dichloroethene-d2	2.27	63	140120	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.18	46	167123	99.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.01%
24) Chloroform-d	4.65	84	190084	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.31	65	133791	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
32) Benzene-d6	5.35	84	370165	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
36) 1,2-Dichloropropane-d6	6.33	67	121371	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.57	98	354649	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.85	79	54450	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.04%
47) 2-Hexanone-d5	8.31	63	130152	105.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174020	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	146671	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	6042	2.386 ug/L	90
5) Vinyl chloride	1.40	62	156994	59.923 ug/L	98
12) 1,1-Dichloroethene	2.28	96	6914	3.337 ug/L #	1
14) Carbon disulfide	2.48	76	9452	1.511 ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	7850	3.499 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	1769538	682.969 ug/L	97
34) Trichloroethene	6.19	95	48301	19.284 ug/L	98

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

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