

Data File : VU025395.D

Acq On : 13 Jul 2018 16:13

Operator : MD/SY

Sample : J3984-02

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB173

Quant Time: Jul 13 16:52:13 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	309539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82489	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.68	69	69708	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.27	63	126817	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	4.18	46	166031	107.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.35%
24) Chloroform-d	4.65	84	176965	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	126656	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
32) Benzene-d6	5.34	84	347737	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.33	67	111972	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.02%
41) Toluene-d8	7.57	98	332171	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	7.85	79	50817	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.31	63	126063	112.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161481	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	134820	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	6759	2.913	ug/L 98
5) Vinyl chloride	1.40	62	28019	11.671	ug/L 92
13) Acetone	2.32	43	11700	7.360	ug/L 95
17) trans-1,2-Dichloroethene	2.98	96	7673	3.733	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	1330818	560.551	ug/L 98
34) Trichloroethene	6.19	95	26005	11.449	ug/L 95
46) Tetrachloroethene	8.23	164	99482	51.740	ug/L 100

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

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