

Data File : VU025400.D

Acq On : 13 Jul 2018 20:20

Operator : MD/SY

Sample : J3984-07

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB181

Quant Time: Jul 14 04:37:55 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	300055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	288943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82319	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.68	69	66473	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.86%
11) 1,1-Dichloroethene-d2	2.27	63	118059	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	4.17	46	151231	100.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.87%
24) Chloroform-d	4.65	84	172089	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.31	65	125695	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.34	84	339829	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.33	67	108829	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.20%
41) Toluene-d8	7.57	98	329407	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	46568	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
47) 2-Hexanone-d5	8.31	63	114144	99.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158888	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	135214	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	8584	3.817 ug/L	98
5) Vinyl chloride	1.40	62	1087847	467.468 ug/L	99
13) Acetone	2.32	43	10491	6.808 ug/L	99
14) Carbon disulfide	2.48	76	16046	2.887 ug/L	98
15) Methyl Acetate	2.61	43	16077	6.819 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	227674	98.929 ug/L	99
42) Toluene	7.64	91	15119	1.588 ug/L	100

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

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