

Data File : VU025396.D
Acq On : 13 Jul 2018 16:37
Operator : MD/SY
Sample : J3984-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB175

Quant Time: Jul 13 17:31:15 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	321765	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85736	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.68	69	69549	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.27	63	132728	31.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.26%
21) 2-Butanone-d5	4.17	46	164839	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	4.65	84	178686	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.31	65	128602	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
32) Benzene-d6	5.35	84	357869	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.33	67	115945	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.57	98	337658	43.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.28%
43) trans-1,3-Dichloropropene-	7.85	79	54267	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.31	63	128718	110.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.69%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164635	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	141428	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	6181	2.563	ug/L	97
5) Vinyl chloride	1.40	62	284574	114.036	ug/L	100
13) Acetone	2.32	43	10337	6.255	ug/L	98
15) Methyl Acetate	2.61	43	10768	4.259	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	8891	4.161	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	213018	86.316	ug/L	96
34) Trichloroethene	6.19	95	171019	72.708	ug/L	99
42) Toluene	7.64	91	18218	1.896	ug/L	92
46) Tetrachloroethene	8.23	164	24920	12.516	ug/L	97

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

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