

Data File : VU025401.D
Acq On : 13 Jul 2018 20:44
Operator : MD/SY
Sample : J3984-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB182

Quant Time: Jul 14 04:39:43 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	324760	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84151	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	66003	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.44%
11) 1,1-Dichloroethene-d2	2.27	63	120270	28.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.80%#
21) 2-Butanone-d5	4.17	46	154385	95.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.65	84	176070	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	5.31	65	125233	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
32) Benzene-d6	5.35	84	339669	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
36) 1,2-Dichloropropane-d6	6.33	67	111014	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.44%
41) Toluene-d8	7.57	98	327810	41.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.14%
43) trans-1,3-Dichloropropene-	7.85	79	51565	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.31	63	118080	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161499	43.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	133457	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	6486	2.665 ug/L	97
5) Vinyl chloride	1.40	62	1183330	469.817 ug/L	98
13) Acetone	2.32	43	9655	5.789 ug/L	86
14) Carbon disulfide	2.48	76	17215	2.862 ug/L	98
15) Methyl Acetate	2.61	43	53501	20.965 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	244986	98.354 ug/L	97
42) Toluene	7.64	91	14779	1.508 ug/L	95

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

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