

Data File : VU025403.D
Acq On : 13 Jul 2018 21:32
Operator : MD/SY
Sample : J3984-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB184

Quant Time: Jul 14 04:31:01 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	321711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145647	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81898	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.16%
7) Chloroethane-d5	1.68	69	66103	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.36%
11) 1,1-Dichloroethene-d2	2.27	63	127665	30.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.86%
21) 2-Butanone-d5	4.18	46	154842	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.65	84	178452	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	127213	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
32) Benzene-d6	5.35	84	349917	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
36) 1,2-Dichloropropane-d6	6.34	67	114295	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.57	98	339110	41.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.18%
43) trans-1,3-Dichloropropene-	7.85	79	49551	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
47) 2-Hexanone-d5	8.31	63	121247	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162523	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	140469	44.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.52%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	4841	2.008 ug/L	99
5) Vinyl chloride	1.40	62	380544	152.519 ug/L	100
12) 1,1-Dichloroethene	2.28	96	7888	3.997 ug/L #	1
13) Acetone	2.32	43	3974	2.405 ug/L	99
14) Carbon disulfide	2.48	76	10877	1.825 ug/L	99
15) Methyl Acetate	2.62	43	14786	5.849 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	10880	5.092 ug/L	83
20) cis-1,2-Dichloroethene	4.23	96	1020951	413.762 ug/L	98
34) Trichloroethene	6.19	95	1215194	495.915 ug/L	98
46) Tetrachloroethene	8.24	164	3510125	1692.246 ug/L	99

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

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