

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025518.D
 Acq On : 19 Jul 2018 13:36
 Operator : MD/SY
 Sample : J3984-13DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

Quant Time: Jul 20 02:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60502	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.68	69	56815	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.28	63	106292	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.17	46	166583	106.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.59%
24) Chloroform-d	4.65	84	176924	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.31	65	123663	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.35	84	324627	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.33	67	108638	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.57	98	304493	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	52560	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.31	63	123891	104.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	167897	49.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	136582	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

						Ovalue
5) Vinyl chloride	1.41	62	17815	7.81	ug/L	91
12) 1,1-Dichloroethene	2.29	96	3448	2.04	ug/L	# 1
13) Acetone	2.32	43	49204	36.05	ug/L	98
15) Methyl Acetate	2.62	43	4756	1.89	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	2562051	1048.06	ug/L	98
34) Trichloroethene	6.19	95	49807	22.36	ug/L	98
46) Tetrachloroethene	8.23	164	250155	134.60	ug/L	99

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

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