

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025500.D
 Acq On : 18 Jul 2018 16:24
 Operator : MD/SY
 Sample : J3984-13DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

Quant Time: Jul 19 01:49:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62812	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.44%
7) Chloroethane-d5	1.68	69	59428	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.27	63	111797	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	4.18	46	177353	108.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	4.65	84	177285	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.31	65	125430	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.35	84	336194	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.33	67	113033	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.57	98	313438	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.85	79	54604	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.31	63	133670	108.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.41%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170775	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	134016	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%

Target Compounds

					Ovalue
5) Vinyl chloride	1.41	62	8208	3.43 ug/L	# 82
13) Acetone	2.32	43	24674	17.22 ug/L	98
15) Methyl Acetate	2.62	43	4742	1.79 ug/L	# 72
20) cis-1,2-Dichloroethene	4.23	96	1071756	417.45 ug/L	99
34) Trichloroethene	6.19	95	21742	9.34 ug/L	96
46) Tetrachloroethene	8.23	164	102614	52.85 ug/L	97

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

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