

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025577.D
 Acq On : 21 Jul 2018 12:07
 Operator : MD/SY
 Sample : J4097-10MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7MSD

Quant Time: Jul 23 01:35:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76731	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.72%
7) Chloroethane-d5	1.68	69	67005	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.56%
11) 1,1-Dichloroethene-d2	2.28	63	163590	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
21) 2-Butanone-d5	4.18	46	136380	95.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.22%
24) Chloroform-d	4.65	84	185558	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	128046	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.35	84	360143	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	118066	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.57	98	341842	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	7.85	79	56787	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.31	63	101679	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158534	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	143079	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	73492	40.07	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	19339	2.81	ug/L	97
33) Benzene	5.39	78	358833	41.97	ug/L	100
34) Trichloroethene	6.19	95	92980	40.99	ug/L	96
42) Toluene	7.64	91	387943	42.08	ug/L	99
51) Chlorobenzene	9.12	112	258475	41.65	ug/L	99

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

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