

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026739.D
 Acq On : 13 Sep 2018 20:36
 Operator : MD/SY
 Sample : J4893-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L8

Quant Time: Sep 14 02:49:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	190605	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62116	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.68	69	50293	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.27	63	86321	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.92%
21) 2-Butanone-d5	4.18	46	85160	96.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.65	84	98287	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.31	65	67971	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.34	84	207206	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
36) 1,2-Dichloropropane-d6	6.33	67	70619	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.28%
41) Toluene-d8	7.57	98	185546	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.85	79	30361	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.31	63	60185	97.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92166	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	69934	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	1360	1.351	ug/L	85
18) Methyl tert-butyl Ether	3.00	73	4179	1.139	ug/L	99
25) Chloroform	4.68	83	14049	6.052	ug/L	98
33) Benzene	5.40	78	11683	2.393	ug/L	100
51) Chlorobenzene	9.12	112	48549	14.613	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	3614	1.636	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	52132	22.278	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	32848	14.070	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	16015	10.516	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	1943	1.178	ug/L	94

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

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