

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026936.D
 Acq On : 20 Sep 2018 14:15
 Operator : MD/SY
 Sample : J4893-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N0

Quant Time: Sep 21 05:13:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	277054	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	257309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75021	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	63289	36.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.16%
11) 1,1-Dichloroethene-d2	2.27	63	103675	26.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.46%#
21) 2-Butanone-d5	4.18	46	98458	72.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.39%
24) Chloroform-d	4.65	84	129789	34.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.28%#
26) 1,2-Dichloroethane-d4	5.31	65	83304	34.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.60%#
32) Benzene-d6	5.34	84	268136	37.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.36%
36) 1,2-Dichloropropane-d6	6.33	67	85474	36.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.58%
41) Toluene-d8	7.57	98	231392	35.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.04%#
43) trans-1,3-Dichloropropene-	7.85	79	36233	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
47) 2-Hexanone-d5	8.31	63	69785	76.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113445	35.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	103251	38.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.36%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	8231	6.157	ug/L	98
31) Carbon tetrachloride	5.14	117	3244	1.183	ug/L	93
33) Benzene	5.39	78	2235970	280.282	ug/L	100
51) Chlorobenzene	9.12	112	2615581	477.482	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	47258	12.082	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	972753	225.859	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	845357	195.193	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	95031	36.435	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	11623	4.047	ug/L	96

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

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