

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026862.D
 Acq On : 18 Sep 2018 15:14
 Operator : MD/SY
 Sample : J4896-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M5

Quant Time: Sep 19 07:15:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	233466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76509	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	70462	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.27	63	113808	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.18	46	133851	116.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.79%
24) Chloroform-d	4.65	84	153118	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.31	65	101675	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.34	84	316544	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.33	67	104937	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.80%
41) Toluene-d8	7.57	98	265543	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	7.85	79	42718	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	92832	117.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141961	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	103019	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.68	83	4262	1.308	ug/L	89
51) Chlorobenzene	9.12	112	46549	9.859	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	3845	1.401	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	4878	1.614	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3817	1.256	ug/L #	91

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

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