

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026577.D
 Acq On : 06 Sep 2018 14:00
 Operator : MD/SY
 Sample : J4718-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD5

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 4:47:32 PM

Quant Time: Sep 07 05:05:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	202037	50.00	ug/L	-0.01
28) Chlorobenzene-d5	9.09	117	186563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	8008	6.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	12.80%#
7) Chloroethane-d5	1.64	69	11779	10.42	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.84%#
11) 1,1-Dichloroethene-d2	2.17	63	105552m	37.44	ug/L	-0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.88%
21) 2-Butanone-d5	4.23	46	93542	96.28	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.28%
24) Chloroform-d	4.64	84	116533	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.30	65	79264	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.32	84	247168	57.48	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.96%
36) 1,2-Dichloropropane-d6	6.33	67	83398	56.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.92%
41) Toluene-d8	7.56	98	222771	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%
43) trans-1,3-Dichloropropene-	7.85	79	35553	52.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.42%
47) 2-Hexanone-d5	8.35	63	74906	110.57	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.57%
57) 1,1,2,2-Tetrachloroethane-	10.45	84	108001	49.63	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.87	152	81705	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%

Target Compounds						Ovalue
3) Chloromethane	1.34	50	7925	4.07	ug/L	97
13) Acetone	2.38	43	30223	35.93	ug/L	98
46) Tetrachloroethene	8.22	164	46898	42.76	ug/L	97

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

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