

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026044.D
 Acq On : 10 Aug 2018 15:31
 Operator : MD/SY
 Sample : J4401-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZG1

Quant Time: Aug 11 01:56:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	281439	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	267707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69595	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.66%
7) Chloroethane-d5	1.68	69	67137	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.32%
11) 1,1-Dichloroethene-d2	2.27	63	113613	29.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.12%#
21) 2-Butanone-d5	4.18	46	172455	100.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	4.65	84	199611	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.31	65	142026	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.35	84	376995	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.33	67	129740	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.57	98	337582	42.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.90%
43) trans-1,3-Dichloropropene-	7.85	79	60781	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.31	63	122952	100.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192702	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	153651	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	106122	99.63	ug/L	99
22) 2-Butanone	4.27	43	52105	33.81	ug/L	100
27) 1,2-Dichloroethane	5.41	62	7499	2.48	ug/L	99
42) Toluene	7.64	91	83660	10.34	ug/L	99
51) Chlorobenzene	9.12	112	708028	129.75	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	75989	18.82	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	496057	117.18	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	594217	138.25	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	302578	118.56	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	78738	28.70	ug/L	99

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

