

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025831.D
 Acq On : 03 Aug 2018 20:21
 Operator : MD/SY
 Sample : J4340-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F71

Quant Time: Aug 04 00:49:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324472	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80226	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.68	69	65833	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.18%
11) 1,1-Dichloroethene-d2	2.27	63	123557	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	4.18	46	143787	100.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.65	84	181574	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	128113	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.35	84	353440	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
36) 1,2-Dichloropropane-d6	6.33	67	116475	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.52%
41) Toluene-d8	7.57	98	330118	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	55912	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.31	63	105186	96.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156182	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	137689	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

					Ovalue
5) Vinyl chloride	1.41	62	5255	2.08	ug/L # 71
17) trans-1,2-Dichloroethene	2.99	96	2767	1.31	ug/L 93
20) cis-1,2-Dichloroethene	4.23	96	683058	287.02	ug/L 96
34) Trichloroethene	6.19	95	201206	83.80	ug/L 97
46) Tetrachloroethene	8.23	164	853418	410.02	ug/L 99

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

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