

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031784.D
 Acq On : 06 May 2019 17:07
 Operator : JC/SP
 Sample : K2705-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B42

Quant Time: May 07 09:34:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	699253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	665946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	264843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	246702	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.32%
7) Chloroethane-d5	1.68	69	200671	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.74%
11) 1,1-Dichloroethene-d2	2.27	63	393093	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.46%
21) 2-Butanone-d5	4.18	46	664800	125.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.38%
24) Chloroform-d	4.64	84	501783	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.31	65	364273	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.34	84	945957	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
36) 1,2-Dichloropropane-d6	6.33	67	355434	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.56	98	752169	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	142766	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.46%
47) 2-Hexanone-d5	8.31	63	383777	123.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	483652	50.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	257034	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	220372	25.336 ug/L	96
12) 1,1-Dichloroethene	2.28	96	27931	5.120 ug/L #	1
13) Acetone	2.33	43	10361	1.735 ug/L	85
17) trans-1,2-Dichloroethene	2.98	96	156380	27.509 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	5635172	924.114 ug/L	88
34) Trichloroethene	6.18	95	7775202	1310.050 ug/L	93
46) Tetrachloroethene	8.23	164	14350518	3546.731 ug/L	88

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

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