

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033003.D
 Acq On : 24 Jun 2019 13:36
 Operator : JC/SP
 Sample : K3478-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF26

Quant Time: Jun 25 06:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92155	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37129	27.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.32%#
7) Chloroethane-d5	1.68	69	36582	34.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.34%#
11) 1,1-Dichloroethene-d2	2.27	63	65975	24.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.80%#
21) 2-Butanone-d5	4.17	46	124524	111.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.45%
24) Chloroform-d	4.64	84	111646	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.30	65	78930	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
32) Benzene-d6	5.33	84	199728	39.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.98%
36) 1,2-Dichloropropane-d6	6.32	67	70325	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.56	98	176038	37.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.34%#
43) trans-1,3-Dichloropropene-	7.85	79	34357	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.31	63	71276	94.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116674	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	78719	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	42116	23.612	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	167404	114.564	ug/L 98
34) Trichloroethene	6.18	95	7394	4.951	ug/L 95
46) Tetrachloroethene	8.22	164	30843	25.204	ug/L 98

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

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