

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032995.D
 Acq On : 24 Jun 2019 10:32
 Operator : JC/SP
 Sample : K3478-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF21

Quant Time: Jun 25 09:50:45 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	197697	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40454	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.88%#
7) Chloroethane-d5	1.68	69	39453	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.22%
11) 1,1-Dichloroethene-d2	2.27	63	68858	25.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.60%#
21) 2-Butanone-d5	4.17	46	120260	106.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.94%
24) Chloroform-d	4.64	84	114215	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.30	65	82193	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.33	84	209846	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
36) 1,2-Dichloropropane-d6	6.32	67	72266	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.60%
41) Toluene-d8	7.56	98	184802	38.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.94%#
43) trans-1,3-Dichloropropene-	7.85	79	34516	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
47) 2-Hexanone-d5	8.31	63	71082	94.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.37%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117068	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	82293	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	1785	1.322 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	52121	35.439 ug/L	96
34) Trichloroethene	6.18	95	57905	38.727 ug/L	100
42) Toluene	7.64	91	3487	0.576 ug/L	100
53) m,p-Xylene	9.37	106	4475	1.770 ug/L	91
54) o-xylene	9.78	106	2158	0.874 ug/L	85

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

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