

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033001.D
 Acq On : 24 Jun 2019 12:50
 Operator : JC/SP
 Sample : K3478-07MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF22MS

Quant Time: Jun 25 06:35:52 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	198383	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55692	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.67	69	49891	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.27	63	126166	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
21) 2-Butanone-d5	4.17	46	128681	114.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.03%
24) Chloroform-d	4.64	84	130665	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.30	65	95409	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.68%
32) Benzene-d6	5.33	84	254428	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.32	67	83457	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.08%
41) Toluene-d8	7.56	98	233669	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%
43) trans-1,3-Dichloropropene-	7.85	79	41276	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.31	63	77547	103.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.55%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	125395	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	94807	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	3587	1.991	ug/L	# 73
12) 1,1-Dichloroethene	2.28	96	58207	46.592	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	3689	2.723	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	104324	70.688	ug/L	97
33) Benzene	5.38	78	280567	50.428	ug/L	100
34) Trichloroethene	6.18	95	93500	62.897	ug/L	100
42) Toluene	7.63	91	301477	50.082	ug/L	99
51) Chlorobenzene	9.11	112	197866	49.950	ug/L	99

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

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