

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032956.D
 Acq On : 21 Jun 2019 19:52
 Operator : JC/SP
 Sample : K3463-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16

Quant Time: Jun 22 02:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47116	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.76%
7) Chloroethane-d5	1.68	69	42468	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.10%
11) 1,1-Dichloroethene-d2	2.27	63	75161	28.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.82%#
21) 2-Butanone-d5	4.17	46	119597	109.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.42%
24) Chloroform-d	4.64	84	113869	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.30	65	81140	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.33	84	210421	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.32	67	72085	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	7.56	98	184085	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.85	79	33313	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	8.31	63	70233	96.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114264	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	78902	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	172695	98.971 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	1080	0.823 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	364525	255.003 ug/L	97

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

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