

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033022.D
 Acq On : 24 Jun 2019 21:46
 Operator : JC/SP
 Sample : K3463-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF07

Quant Time: Jun 25 07:36:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59488	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.68	69	51155	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.27	63	96536	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.44%
21) 2-Butanone-d5	4.17	46	122750	113.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.64	84	126575	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
26) 1,2-Dichloroethane-d4	5.30	65	90578	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.18%
32) Benzene-d6	5.33	84	247471	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.32	67	80775	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.56	98	225885	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.85	79	38783	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.31	63	71237	98.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.15%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118147	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	90292	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	971	0.745 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	103462	72.824 ug/L	97
34) Trichloroethene	6.18	95	13671	9.489 ug/L	99
46) Tetrachloroethene	8.22	164	15003	12.708 ug/L	96

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

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