

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033024.D
 Acq On : 24 Jun 2019 22:32
 Operator : JC/SP
 Sample : K3463-08MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF07MSD

Quant Time: Jun 25 07:40:50 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	192029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63776	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.20%
7) Chloroethane-d5	1.67	69	53982	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.16%
11) 1,1-Dichloroethene-d2	2.27	63	132676	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
21) 2-Butanone-d5	4.17	46	125411	114.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.81%
24) Chloroform-d	4.64	84	133294	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
26) 1,2-Dichloroethane-d4	5.30	65	94370	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.06%
32) Benzene-d6	5.33	84	262317	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.32	67	84736	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.88%
41) Toluene-d8	7.56	98	237344	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.84	79	40288	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
47) 2-Hexanone-d5	8.31	63	76140	103.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.81%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121938	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	94311	54.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.42%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	55789	46.135 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	666	0.508 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	84229	58.960 ug/L	98
33) Benzene	5.38	78	267811	49.147 ug/L	100
34) Trichloroethene	6.18	95	79234	54.422 ug/L	100
42) Toluene	7.63	91	287045	48.687 ug/L	100
46) Tetrachloroethene	8.22	164	11864	9.945 ug/L	98
51) Chlorobenzene	9.11	112	188451	48.574 ug/L	97

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

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