

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033004.D
 Acq On : 24 Jun 2019 13:59
 Operator : JC/SP
 Sample : K3478-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF19

Quant Time: Jun 25 06:45:03 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	196371	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193717	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65324	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.36%
7) Chloroethane-d5	1.68	69	54857	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.50%
11) 1,1-Dichloroethene-d2	2.27	63	102219	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.17	46	120379	107.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.77%
24) Chloroform-d	4.64	84	132783	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.30	65	93488	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
32) Benzene-d6	5.33	84	262914	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.32	67	83670	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.02%
41) Toluene-d8	7.56	98	236580	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%
43) trans-1,3-Dichloropropene-	7.85	79	40154	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
47) 2-Hexanone-d5	8.31	63	73996	98.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120653	48.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	91396	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	8793	4.931 ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	69685	47.701 ug/L	99

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

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