

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032308.D
 Acq On : 24 May 2019 13:03
 Operator : JC/SP
 Sample : K3001-10 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF5

Quant Time: May 25 00:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:32:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	771391	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	356853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211637	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.98%
7) Chloroethane-d5	1.67	69	198106	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	312581	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
21) 2-Butanone-d5	4.17	46	351719	91.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.43%
24) Chloroform-d	4.64	84	455275	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
26) 1,2-Dichloroethane-d4	5.30	65	287356	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
32) Benzene-d6	5.33	84	955304	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.32	67	290490	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.60%
41) Toluene-d8	7.56	98	858476	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	130280	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	231254	87.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	448521	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	364123	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.44	63	7619	0.801 ug/L	# 86
35) Methylcyclohexane	6.41	83	27175	4.096 ug/L	92
42) Toluene	7.64	91	11469	0.492 ug/L	92
52) Ethylbenzene	9.24	91	2366174	99.866 ug/L	100
53) m,p-Xylene	9.37	106	1656162	181.094 ug/L	100
56) Isopropylbenzene	10.16	105	81014	3.637 ug/L	99

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

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