

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032309.D
 Acq On : 24 May 2019 13:26
 Operator : JC/SP
 Sample : K3001-11 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF6

Quant Time: May 28 11:33:08 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	761941	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	772917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	355990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209457	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.18%
7) Chloroethane-d5	1.67	69	193685	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.34%
11) 1,1-Dichloroethene-d2	2.27	63	310273	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
21) 2-Butanone-d5	4.17	46	344103	90.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	4.64	84	454419	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
26) 1,2-Dichloroethane-d4	5.30	65	287331	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.34	84	932343	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.32	67	289963	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.56	98	840968	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.85	79	126712	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
47) 2-Hexanone-d5	8.31	63	226907	86.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	439752	42.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	355590	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.44	63	7934	0.844	ug/L	86
35) Methylcyclohexane	6.41	83	26336	3.975	ug/L	90
42) Toluene	7.64	91	9273	0.398	ug/L	81
52) Ethylbenzene	9.24	91	2414300	102.041	ug/L	100
53) m,p-Xylene	9.37	106	1643338	179.945	ug/L	98
56) Isopropylbenzene	10.16	105	81654	3.671	ug/L	99

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

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