

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034798.D
 Acq On : 25 Sep 2019 13:19
 Operator : JC/SP
 Sample : K4948-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM9DL

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:56:43 AM

Quant Time: Sep 26 05:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	468397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	455124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	223254	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.67	69	192384	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.26	63	303937m	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
21) 2-Butanone-d5	4.15	46	408843	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.62	84	357473	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.29	65	255954	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.32	84	782413	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
36) 1,2-Dichloropropane-d6	6.31	67	271939	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.30%
41) Toluene-d8	7.54	98	740620	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%
43) trans-1,3-Dichloropropene-	7.83	79	119257	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.00%
47) 2-Hexanone-d5	8.29	63	275999	111.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.45%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356237	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	243180	61.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.34%#

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	124879	31.876 ug/L	89
34) Trichloroethene	6.17	95	5106	1.310 ug/L	87
46) Tetrachloroethene	8.21	164	37217	13.572 ug/L	95

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

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