

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034801.D
 Acq On : 25 Sep 2019 14:30
 Operator : JC/SP
 Sample : K4948-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM8

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:57:18 AM

Quant Time: Sep 26 05:38:37 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	473909	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	448937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	193918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	210632	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.84%
7) Chloroethane-d5	1.67	69	183036	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.26	63	284987	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
21) 2-Butanone-d5	4.15	46	384231	103.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.33%
24) Chloroform-d	4.62	84	348579	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.29	65	241333	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.32	84	732520	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
36) 1,2-Dichloropropane-d6	6.31	67	261172	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.40%
41) Toluene-d8	7.54	98	705439	53.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.58%
43) trans-1,3-Dichloropropene-	7.83	79	111628	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.29	63	260740	106.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342812	50.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	235257	57.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.72%

Target Compounds					Ovalue
18) Methyl tert-butyl Ether	2.98	73	37478	2.980 ug/L	96
34) Trichloroethene	6.17	95	3969m	1.032 ug/L	
46) Tetrachloroethene	8.21	164	166244	61.462 ug/L	96

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

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