

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034705.D
 Acq On : 20 Sep 2019 22:00
 Operator : JC/SP
 Sample : K4948-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFCX8

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 9:33:20 AM

Quant Time: Sep 21 05:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	456263	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	440874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	193468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183668	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.64%
7) Chloroethane-d5	1.67	69	155005	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.88%
11) 1,1-Dichloroethene-d2	2.26	63	256533m	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	4.15	46	366264	102.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.31%
24) Chloroform-d	4.62	84	319047	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.29	65	236225	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.32	84	641887	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.31	67	226265	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.54	98	597138	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	7.83	79	102321	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.29	63	231334	96.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.43%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	305452	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	192220	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds					Ovalue
13) Acetone	2.31	43	18168	4.363 ug/L	98
46) Tetrachloroethene	8.21	164	9399	3.538 ug/L	79

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

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