

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
 Data File : VU034825.D
 Acq On : 26 Sep 2019 00:15
 Operator : JC/SP
 Sample : K4983-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 09:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	435672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	409109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	185168	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.04%
7) Chloroethane-d5	1.67	69	164848	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.26	63	255207	33.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.58%
21) 2-Butanone-d5	4.15	46	418620	122.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.46%
24) Chloroform-d	4.62	84	328397	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
26) 1,2-Dichloroethane-d4	5.29	65	224997	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.32	84	673686	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
36) 1,2-Dichloropropane-d6	6.31	67	245728	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.88%
41) Toluene-d8	7.54	98	660330	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%
43) trans-1,3-Dichloropropene-	7.83	79	104866	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.80%
47) 2-Hexanone-d5	8.29	63	290058	130.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.30%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335343	54.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	234920	59.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	108259	27.226	ug/L	95
15) Methyl Acetate	2.60	43	6794m	1.279	ug/L	
16) Methylene chloride	2.68	84	3286724	910.273	ug/L	96
22) 2-Butanone	4.25	43	36532	7.723	ug/L	91
42) Toluene	7.62	91	37051	2.416	ug/L	94
52) Ethylbenzene	9.23	91	43098	2.496	ug/L	94
53) m,p-Xylene	9.35	106	32264	5.275	ug/L	93
54) o-xylene	9.76	106	51325	8.484	ug/L	98
56) Isopropylbenzene	10.14	105	17983	1.102	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	21274	3.207	ug/L	98

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

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