

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
 Data File : VU034828.D
 Acq On : 26 Sep 2019 01:25
 Operator : JC/SP
 Sample : K4983-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 09:34:28 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	433889	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	411562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	192885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183956	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.67	69	164256m	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.26	63	248753	33.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.14%
21) 2-Butanone-d5	4.15	46	395760	116.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.25%
24) Chloroform-d	4.62	84	319654	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.29	65	222673	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.32	84	680602	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.31	67	239498	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.44%
41) Toluene-d8	7.54	98	637517	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%
43) trans-1,3-Dichloropropene-	7.83	79	105716	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.29	63	284480	127.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.03%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335538	54.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	233235	57.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	48592	12.270	ug/L	96
15) Methyl Acetate	2.60	43	7730	1.461	ug/L	97
16) Methylene chloride	2.68	84	3391199	943.067	ug/L	95
22) 2-Butanone	4.26	43	14376m	3.051	ug/L	
42) Toluene	7.62	91	35138	2.278	ug/L	94
52) Ethylbenzene	9.23	91	18946	1.091	ug/L	95
53) m,p-Xylene	9.35	106	67828	11.024	ug/L	93
54) o-xylene	9.76	106	40441	6.645	ug/L	98
56) Isopropylbenzene	10.14	105	20568	1.253	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	14415	2.136	ug/L	94

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

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