

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034664.D
 Acq On : 19 Sep 2019 22:13
 Operator : JC/SP
 Sample : K4895-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH1

Quant Time: Sep 20 05:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	470212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	459029	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	218790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	216951	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.14%
7) Chloroethane-d5	1.67	69	179611	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.26	63	297823	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	4.15	46	417404	113.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	4.62	84	344996	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.29	65	255800	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
32) Benzene-d6	5.32	84	697222	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.31	67	245513	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.54	98	670323	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.83	79	116851	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.12%
47) 2-Hexanone-d5	8.29	63	266244	106.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	333011	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.84	152	231073	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	189675	44.197	ug/L	97
15) Methyl Acetate	2.61	43	6015	1.049	ug/L	# 86
16) Methylene chloride	2.68	84	4510	1.157	ug/L	82
20) cis-1,2-Dichloroethene	4.20	96	95228	24.214	ug/L	94
22) 2-Butanone	4.25	43	48578	9.515	ug/L	80
29) Cyclohexane	4.97	56	35566	4.694	ug/L	98
33) Benzene	5.37	78	458488	28.799	ug/L	100
34) Trichloroethene	6.17	95	45827	11.656	ug/L	98
35) Methylcyclohexane	6.40	83	30297	4.541	ug/L	92
37) 1,2-Dichloropropane	6.41	63	6098	1.286	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	98334	10.865	ug/L	92
42) Toluene	7.61	91	4020726	233.689	ug/L	99
46) Tetrachloroethene	8.21	164	5596	2.023	ug/L	90
51) Chlorobenzene	9.10	112	14511	1.387	ug/L	94
52) Ethylbenzene	9.23	91	1163406	60.048	ug/L	100
53) m,p-Xylene	9.35	106	1626644	237.036	ug/L	97
54) o-xylene	9.76	106	1050566	154.779	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.14	105	110872	6.058	ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	8453	1.095	ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	95020	12.412	ug/L	96

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

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