

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034670.D
 Acq On : 20 Sep 2019 00:33
 Operator : JC/SP
 Sample : K4895-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH7

Quant Time: Sep 20 06:39:27 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	503476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	478999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	235708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	226107	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.74%
7) Chloroethane-d5	1.67	69	184926	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.26	63	305136	34.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.92%
21) 2-Butanone-d5	4.15	46	461086	116.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	4.62	84	351862	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.29	65	258622	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.32	84	709023	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.31	67	250684	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.54	98	678403	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%
43) trans-1,3-Dichloropropene-	7.83	79	118204	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	8.29	63	296888	113.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.91%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342337	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.84	152	238436	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	271896	59.170	ug/L	100
15) Methyl Acetate	2.61	43	7482	1.219	ug/L #	68
16) Methylene chloride	2.68	84	7277	1.744	ug/L	94
19) 1,1-Dichloroethane	3.42	63	186366	22.557	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	26460	6.283	ug/L	99
22) 2-Butanone	4.24	43	81419	14.893	ug/L	92
29) Cyclohexane	4.97	56	27252	3.447	ug/L #	91
33) Benzene	5.37	78	1429529	86.049	ug/L	100
34) Trichloroethene	6.17	95	20373	4.966	ug/L	96
35) Methylcyclohexane	6.39	83	18588	2.670	ug/L #	84
40) 4-Methyl-2-pentanone	7.44	43	118673	12.566	ug/L	97
42) Toluene	7.61	91	7983841	444.684	ug/L	98
46) Tetrachloroethene	8.21	164	12239	4.241	ug/L	85
51) Chlorobenzene	9.10	112	103256	9.461	ug/L	97
52) Ethylbenzene	9.23	91	1580768	78.188	ug/L	99
53) m,p-Xylene	9.35	106	2319069	323.848	ug/L	98
54) o-xylene	9.76	106	1277559	180.374	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.14	105	118454	6.203	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	13352	1.636	ug/L	94
63) 1,4-Dichlorobenzene	11.48	146	29992	3.607	ug/L	92
65) 1,2-Dichlorobenzene	11.85	146	357093	43.296	ug/L	98

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

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