

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034676.D
 Acq On : 20 Sep 2019 02:53
 Operator : JC/SP
 Sample : K4895-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPDF6

Quant Time: Sep 20 07:35:56 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	490987	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	468146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	231546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220817	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.67	69	178258	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.26	63	299399	35.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.34%
21) 2-Butanone-d5	4.15	46	394857	102.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	4.62	84	316871	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.29	65	258335	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.32	84	698067	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	6.31	67	246976	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.40%
41) Toluene-d8	7.54	98	674060	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%
43) trans-1,3-Dichloropropene-	7.83	79	114014	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.29	63	261965	102.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	266366	37.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.70%
64) 1,2-Dichlorobenzene-d4	11.84	152	237988	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

					Ovalue
13) Acetone	2.31	43	22766	5.080	ug/L 93
16) Methylene chloride	2.69	84	4580	1.126	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	4737	1.349	ug/L 77
20) cis-1,2-Dichloroethene	4.20	96	11220	2.732	ug/L 95
29) Cyclohexane	4.97	56	6713	0.869	ug/L # 63
33) Benzene	5.37	78	88067	5.424	ug/L 100
34) Trichloroethene	6.16	95	31674	7.899	ug/L 97
35) Methylcyclohexane	6.39	83	14370	2.112	ug/L 96
42) Toluene	7.61	91	1666596	94.978	ug/L 98
46) Tetrachloroethene	8.21	164	59114	20.958	ug/L 92
51) Chlorobenzene	9.10	112	14958	1.402	ug/L 95
52) Ethylbenzene	9.23	91	732398	37.065	ug/L 99
53) m,p-Xylene	9.35	106	1376445	196.671	ug/L 97
54) o-xylene	9.76	106	999897	144.445	ug/L 95
56) Isopropylbenzene	10.14	105	84403	4.522	ug/L 98
62) 1,3-Dichlorobenzene	11.40	146	18313	2.284	ug/L 91
63) 1,4-Dichlorobenzene	11.48	146	36496	4.468	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.85	146	250050	30.863	ug/L	97
68) 1,2,4-trichlorobenzene	13.48	180	9213	2.181	ug/L #	59

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

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