

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034753.D
 Acq On : 23 Sep 2019 23:16
 Operator : JC/SP
 Sample : K4932-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDJ8

Quant Time: Sep 24 05:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	509268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	490992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	241985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204507	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.46%
7) Chloroethane-d5	1.67	69	171984	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.26	63	292275	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	4.15	46	461312	115.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.45%
24) Chloroform-d	4.62	84	355340	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.29	65	265775	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.32	84	738359	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.31	67	263220	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.98%
41) Toluene-d8	7.54	98	696099	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.83	79	120531	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.29	63	310005	116.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	357712	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	260971	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

					Ovalue
13) Acetone	2.31	43	610487	131.342	ug/L 98
16) Methylene chloride	2.68	84	68204	16.160	ug/L 97
19) 1,1-Dichloroethane	3.42	63	38530	4.611	ug/L 97
20) cis-1,2-Dichloroethene	4.21	96	11140	2.615	ug/L 86
22) 2-Butanone	4.24	43	142619	25.792	ug/L 99
29) Cyclohexane	4.97	56	12657	1.562	ug/L # 61
33) Benzene	5.37	78	638678	37.506	ug/L 100
34) Trichloroethene	6.16	95	181183	43.082	ug/L 94
35) Methylcyclohexane	6.39	83	9117	1.277	ug/L 96
40) 4-Methyl-2-pentanone	7.44	43	6400415	661.164	ug/L 99
42) Toluene	7.61	91	5285997	287.228	ug/L 99
46) Tetrachloroethene	8.21	164	32511	10.990	ug/L 96
51) Chlorobenzene	9.10	112	12272	1.097	ug/L # 87
52) Ethylbenzene	9.23	91	1019625	49.201	ug/L 99
53) m,p-Xylene	9.35	106	1325889	180.632	ug/L 98
54) o-xylene	9.76	106	705449	97.167	ug/L 100
56) Isopropylbenzene	10.14	105	66717	3.408	ug/L 99

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62) 1,3-Dichlorobenzene	11.40	146	9210	1.099	ug/L	91
63) 1,4-Dichlorobenzene	11.48	146	21108	2.473	ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	227914	26.917	ug/L	99

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

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