

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034751.D
 Acq On : 23 Sep 2019 22:29
 Operator : JC/SP
 Sample : K4932-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG9

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:48:26 PM

Quant Time: Sep 24 05:18:12 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	491282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	460452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	228795	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	201814	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.26%
7) Chloroethane-d5	1.67	69	170812	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.26	63	282899	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.15	46	439532	114.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.03%
24) Chloroform-d	4.62	84	356381	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.29	65	263140	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.32	84	717164	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
36) 1,2-Dichloropropane-d6	6.31	67	258181	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.52%
41) Toluene-d8	7.54	98	700918	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%
43) trans-1,3-Dichloropropene-	7.83	79	118184	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.29	63	289872	115.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349535	50.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	250914	52.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	55445	12.365	ug/L	95
16) Methylene chloride	2.68	84	31777	7.805	ug/L	98
19) 1,1-Dichloroethane	3.42	63	7978	0.990	ug/L	98
20) cis-1,2-Dichloroethene	4.21	96	9992	2.432	ug/L	83
22) 2-Butanone	4.26	43	14441m	2.707	ug/L	
29) Cyclohexane	4.97	56	33413	4.396	ug/L	100
33) Benzene	5.37	78	575955	36.066	ug/L	100
34) Trichloroethene	6.17	95	73927	18.744	ug/L	99
35) Methylcyclohexane	6.39	83	31578	4.718	ug/L	97
37) 1,2-Dichloropropane	6.41	63	10402	2.188	ug/L #	96
40) 4-Methyl-2-pentanone	7.44	43	261340	28.787	ug/L	99
42) Toluene	7.61	91	4490417	260.182	ug/L	97
46) Tetrachloroethene	8.21	164	22342	8.053	ug/L	96
52) Ethylbenzene	9.23	91	1017658	52.363	ug/L	100
53) m,p-Xylene	9.35	106	1382334	200.812	ug/L	100
54) o-xylene	9.76	106	817807	120.114	ug/L	97
56) Isopropylbenzene	10.14	105	91004	4.957	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.48	146	13471	1.669	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	105012	13.117	ug/L	96

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

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