

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092319\
 Data File : VU034749.D
 Acq On : 23 Sep 2019 21:42
 Operator : JC/SP
 Sample : K4932-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG7

Quant Time: Sep 24 05:01:52 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	466872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	443627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	210573	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.67	69	173348	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.86%
11) 1,1-Dichloroethene-d2	2.26	63	297426	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.15	46	475434	129.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.79%
24) Chloroform-d	4.62	84	362889	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
26) 1,2-Dichloroethane-d4	5.29	65	270231	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
32) Benzene-d6	5.32	84	743317	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
36) 1,2-Dichloropropane-d6	6.31	67	262866	54.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.38%
41) Toluene-d8	7.54	98	713487	54.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.08%
43) trans-1,3-Dichloropropene-	7.83	79	120850	52.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.00%
47) 2-Hexanone-d5	8.29	63	307309	127.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.31%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349819	52.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.92%
64) 1,2-Dichlorobenzene-d4	11.84	152	251865	55.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	9477	1.800	ug/L #	69
13) Acetone	2.31	43	163109	38.278	ug/L	98
15) Methyl Acetate	2.61	43	7015	1.232	ug/L	97
16) Methylene chloride	2.68	84	42773	11.055	ug/L	98
19) 1,1-Dichloroethane	3.43	63	14493	1.892	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	37487	9.600	ug/L	95
22) 2-Butanone	4.25	43	62980	12.424	ug/L	84
29) Cyclohexane	4.97	56	9718	1.327	ug/L #	53
33) Benzene	5.37	78	194491	12.641	ug/L	100
34) Trichloroethene	6.16	95	32665	8.596	ug/L	92
35) Methylcyclohexane	6.39	83	9391	1.456	ug/L	91
40) 4-Methyl-2-pentanone	7.44	43	358758	41.017	ug/L	98
42) Toluene	7.61	91	1422900	85.572	ug/L	98
52) Ethylbenzene	9.23	91	371280	19.828	ug/L	99
53) m,p-Xylene	9.35	106	515905	77.788	ug/L	99
54) o-xylene	9.76	106	336965	51.368	ug/L	98
56) Isopropylbenzene	10.14	105	35940	2.032	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.86	146	47078	6.239	ug/L	97

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

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