

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034674.D
 Acq On : 20 Sep 2019 02:06
 Operator : JC/SP
 Sample : K4895-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH5

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:46:39 PM

Quant Time: Sep 20 07:24:28 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	546109	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	521772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	250077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222592	39.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.62%
7) Chloroethane-d5	1.67	69	181172	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.26	63	306818	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.82%
21) 2-Butanone-d5	4.15	46	412790	96.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.62	84	213248	26.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.48%#
26) 1,2-Dichloroethane-d4	5.29	65	261889	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
32) Benzene-d6	5.32	84	709058	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
36) 1,2-Dichloropropane-d6	6.31	67	256068	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.54	98	677869	44.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.12%
43) trans-1,3-Dichloropropene-	7.83	79	113113	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.29	63	271455	95.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.61%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	117826	15.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	30.04%#
64) 1,2-Dichlorobenzene-d4	11.84	152	238921	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	84524	16.958	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	4013	1.027	ug/L	76
22) 2-Butanone	4.26	43	20877m	3.521	ug/L	
25) Chloroform	4.65	83	143060	16.211	ug/L	94
29) Cyclohexane	4.97	56	38746	4.499	ug/L	96
33) Benzene	5.37	78	453918	25.083	ug/L	100
34) Trichloroethene	6.16	95	75810	16.963	ug/L	97
35) Methylcyclohexane	6.39	83	33867	4.465	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	617073	59.983	ug/L	97
42) Toluene	7.61	91	3552531	181.648	ug/L	98
46) Tetrachloroethene	8.21	164	15248	4.850	ug/L	93
52) Ethylbenzene	9.23	91	846214	38.424	ug/L	99
53) m,p-Xylene	9.35	106	1229058	157.563	ug/L	96
54) o-xylene	9.76	106	759252	98.409	ug/L	99
56) Isopropylbenzene	10.14	105	78831	3.789	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	11282	1.279	ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	95154	10.874	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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