

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038345.D
 Acq On : 28 May 2020 15:08
 Operator : JC/MD
 Sample : L2756-05MS 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 ETKW8MS

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:26:37 PM

Quant Time: May 29 05:07:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	544002	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	520821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	217148	63.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.18%
7) Chloroethane-d5	1.93	69	164253	62.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.50%
11) 1,1-Dichloroethene-d2	2.59	63	393508	56.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.76%
21) 2-Butanone-d5	4.66	46	398331	122.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.77%
24) Chloroform-d	5.10	84	390846	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.56%
26) 1,2-Dichloroethane-d4	5.74	65	266142	57.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.82%
32) Benzene-d6	5.76	84	825526	61.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	6.72	67	252286	60.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.28%#
41) Toluene-d8	7.92	98	724167	60.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.08%#
43) trans-1,3-Dichloropropene-	8.20	79	123582	59.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.34%
47) 2-Hexanone-d5	8.66	63	289605	131.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.12%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	349004	56.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	286027	60.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.08%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3817	1.14	ug/L	# 24
12) 1,1-Dichloroethene	2.60	96	139392m	42.26	ug/L	
16) Methylene chloride	3.08	84	36160	9.54	ug/L	96
19) 1,1-Dichloroethane	3.91	63	44989	6.71	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	712900	183.69	ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	262956	46.43	ug/L	99
33) Benzene	5.81	78	611209	41.78	ug/L	100
34) Trichloroethene	6.57	95	151988	40.61	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	15869	2.63	ug/L	97
42) Toluene	8.00	91	1088837	70.90	ug/L	99
51) Chlorobenzene	9.47	112	395956	40.12	ug/L	99
52) Ethylbenzene	9.59	91	88198	5.13	ug/L	96
53) m,p-Xylene	9.71	106	65079	9.89	ug/L	98
54) o-xylene	10.12	106	24677	3.86	ug/L	91
55) Styrene	10.14	104	10903	0.99	ug/L	96

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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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