

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038346.D
 Acq On : 28 May 2020 15:30
 Operator : JC/MD
 Sample : L2756-06MSD 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MSD

Quant Time: May 29 05:11:08 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	603147	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	583770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	280696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	194813	51.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.90%
7) Chloroethane-d5	1.93	69	151501	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.58%
11) 1,1-Dichloroethene-d2	2.59	63	375795	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
21) 2-Butanone-d5	4.67	46	369350	102.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.67%
24) Chloroform-d	5.10	84	350290	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.74	65	245472	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
32) Benzene-d6	5.76	84	751283	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.72	67	231785	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.92	98	661166	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%
43) trans-1,3-Dichloropropene-	8.20	79	113465	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.66	63	267748	108.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	326885	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	12.20	152	257143	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3792	1.02	ug/L	# 30
12) 1,1-Dichloroethene	2.60	96	163528	44.72	ug/L	89
16) Methylene chloride	3.08	84	32267	7.68	ug/L	98
19) 1,1-Dichloroethane	3.91	63	43848	5.89	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	698555	162.34	ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	262452	41.34	ug/L	99
33) Benzene	5.81	78	733522	44.74	ug/L	100
34) Trichloroethene	6.57	95	180187	42.95	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	14609	2.16	ug/L	99
42) Toluene	7.99	91	1218365	70.78	ug/L	99
51) Chlorobenzene	9.47	112	481593	43.53	ug/L	98
52) Ethylbenzene	9.59	91	85412	4.43	ug/L	97
53) m,p-Xylene	9.71	106	65533	8.89	ug/L	100
54) o-xylene	10.12	106	24638	3.44	ug/L	86
55) Styrene	10.13	104	10660	0.86	ug/L	90

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

