

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038708.D
 Acq On : 09 Jun 2020 08:10
 Operator : SY/MD
 Sample : L2913-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D84

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:24:17 AM

Quant Time: Jun 10 00:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	755900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	734448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	379623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	232274	55.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.00%
7) Chloroethane-d5	1.93	69	196604	60.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.02%
11) 1,1-Dichloroethene-d2	2.59	63	336374	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.67	46	456770	111.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.17%
24) Chloroform-d	5.10	84	426749	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.75	65	135261	22.41	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	44.82%#
32) Benzene-d6	5.80	84	872296	49.31	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.72	67	303786	55.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.44%
41) Toluene-d8	7.92	98	883477	55.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.52%
43) trans-1,3-Dichloropropene-	8.20	79	152135	55.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.84%
47) 2-Hexanone-d5	8.65	63	343314	118.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	448962	55.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	356596	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	68726	20.758	ug/L	94
19) 1,1-Dichloroethane	3.92	63	9906	0.999	ug/L	96
22) 2-Butanone	4.75	43	112929	22.241	ug/L	97
29) Cyclohexane	5.43	56	1680404	199.984	ug/L	100
33) Benzene	5.79	78	66586921m	3053.069	ug/L	
35) Methylcyclohexane	6.79	83	146848	17.554	ug/L	98
37) 1,2-Dichloropropane	6.82	63	125830	22.140	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	42313	4.762	ug/L	99
42) Toluene	7.98	91	30777675m	1349.634	ug/L	
45) 1,1,2-Trichloroethane	8.42	97	10598	1.937	ug/L	88
48) 2-Hexanone	8.71	43	49625	6.757	ug/L #	95
52) Ethylbenzene	9.58	91	23889157m	949.189	ug/L	
53) m,p-Xylene	9.71	106	4094355	423.795	ug/L	99
54) o-xylene	10.12	106	5679361	605.548	ug/L	98
56) Isopropylbenzene	10.50	105	785541	32.092	ug/L	99

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

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