

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038707.D
 Acq On : 09 Jun 2020 07:47
 Operator : SY/MD
 Sample : L2913-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D83

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 08:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 07:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	687202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	692733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	369315	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188922	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.42%
7) Chloroethane-d5	1.93	69	162384	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.04%
11) 1,1-Dichloroethene-d2	2.59	63	289517	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	4.67	46	399707	107.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.01%
24) Chloroform-d	5.10	84	380618	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.75	65	116605	21.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	42.50%#
32) Benzene-d6	5.80	84	774852	46.43	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.73	67	271709	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.66%
41) Toluene-d8	7.93	98	815452	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%
43) trans-1,3-Dichloropropene-	8.20	79	139733	53.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.94%
47) 2-Hexanone-d5	8.65	63	311599	113.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	432972	56.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	350945	54.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	71599	23.787	ug/L	93
22) 2-Butanone	4.75	43	127849	27.697	ug/L	100
29) Cyclohexane	5.43	56	2002562	252.675	ug/L	99
33) Benzene	5.79	78	67043250m	3259.101	ug/L	
35) Methylcyclohexane	6.79	83	186903	23.688	ug/L	99
37) 1,2-Dichloropropane	6.82	63	88349	16.481	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	64720	7.723	ug/L	99
42) Toluene	7.98	91	34501831m	1604.049	ug/L	
45) 1,1,2-Trichloroethane	8.42	97	9987	1.936	ug/L	84
48) 2-Hexanone	8.71	43	50406	7.276	ug/L #	95
52) Ethylbenzene	9.58	91	25320015m	1066.623	ug/L	
53) m,p-Xylene	9.72	106	5722671	628.007	ug/L	99
54) o-xylene	10.12	106	6981109	789.167	ug/L	86
56) Isopropylbenzene	10.50	105	981551	42.514	ug/L	99

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

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