

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038709.D
 Acq On : 09 Jun 2020 08:32
 Operator : SY/MD
 Sample : L2913-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D85

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:24:22 AM

Quant Time: Jun 10 01:36:20 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	6.28	114	763038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	729336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	378317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	247814	58.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.26%
7) Chloroethane-d5	1.93	69	211633	63.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.98%
11) 1,1-Dichloroethene-d2	2.59	63	356052	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	4.67	46	447773	107.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	5.10	84	445462	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.76	65	286475m	47.02	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.78	84	934333	53.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
36) 1,2-Dichloropropane-d6	6.72	67	303032	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.94%
41) Toluene-d8	7.92	98	870316	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%
43) trans-1,3-Dichloropropene-	8.20	79	144782	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.22%
47) 2-Hexanone-d5	8.65	63	330935	114.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	441440	54.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	351445	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	15361	4.596	ug/L	91
29) Cyclohexane	5.43	56	1914306	229.417	ug/L	100
33) Benzene	5.79	78	49976883m	2307.545	ug/L	
35) Methylcyclohexane	6.79	83	147318	17.734	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	93942	10.647	ug/L	95
42) Toluene	7.99	91	17804003m	786.197	ug/L	
52) Ethylbenzene	9.58	91	20884346m	835.615	ug/L	
53) m,p-Xylene	9.71	106	2431487	253.441	ug/L	98
54) o-xylene	10.12	106	4601709	494.085	ug/L	100
56) Isopropylbenzene	10.50	105	621036	25.549	ug/L	99

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

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