

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037877.D
 Acq On : 24 Apr 2020 17:33
 Operator : JC/MD
 Sample : L2395-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D96

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 12:02:06 PM

Quant Time: Apr 25 03:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	594582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	593995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	257016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	362721	69.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	139.64%#
7) Chloroethane-d5	1.93	69	187762	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.61	63	1423466	169.28	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	338.56%#
21) 2-Butanone-d5	4.70	46	509903	123.87	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.87%
24) Chloroform-d	5.11	84	366054	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.74	65	259657	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.76	84	793835	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
36) 1,2-Dichloropropane-d6	6.73	67	267945	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.38%
41) Toluene-d8	7.92	98	748905	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	8.20	79	138823	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.65	63	372029	121.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	177209	22.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	45.34%#
64) 1,2-Dichlorobenzene-d4	12.20	152	276046	55.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	8041	1.504	ug/L	97
5) Vinyl chloride	1.61	62	12144086m	2058.697	ug/L	
8) Chloroethane	1.95	64	1481914	447.122	ug/L	99
12) 1,1-Dichloroethene	2.61	96	1941203	537.763	ug/L #	72
13) Acetone	2.66	43	534092	217.470	ug/L	99
14) Carbon disulfide	2.83	76	102867	7.968	ug/L	100
15) Methyl Acetate	2.98	43	49569	8.351	ug/L	98
16) Methylene chloride	3.08	84	14382974	3353.183	ug/L	84
17) trans-1,2-Dichloroethene	3.40	96	425527	105.429	ug/L	96
19) 1,1-Dichloroethane	3.92	63	9843179	1209.832	ug/L	100
20) cis-1,2-Dichloroethene	4.70	96	30196229m	6832.970	ug/L	
22) 2-Butanone	4.75	43	1006153m	233.965	ug/L	
23) Bromochloromethane	5.02	128	16173	7.574	ug/L	97
25) Chloroform	5.13	83	32335	4.247	ug/L	94
27) 1,2-Dichloroethane	5.83	62	145424	22.304	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	18275568	2754.991	ug/L	99
33) Benzene	5.81	78	85786	4.758	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	27027654m	6111.665	ug/L	
40) 4-Methyl-2-pentanone	7.82	43	194340	22.694	ug/L	99
42) Toluene	7.99	91	2064529	109.220	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	146038	33.997	ug/L	100
46) Tetrachloroethene	8.57	164	7611	2.355	ug/L	96
48) 2-Hexanone	8.71	43	51571	7.617	ug/L	95
52) Ethylbenzene	9.59	91	7144520	337.514	ug/L	99
53) m,p-Xylene	9.71	106	9412929	1181.055	ug/L	60
54) o-xylene	10.12	106	2963060	380.141	ug/L	100
56) Isopropylbenzene	10.50	105	671732	32.563	ug/L	100

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

