

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037878.D
 Acq On : 24 Apr 2020 17:56
 Operator : JC/MD
 Sample : L2395-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D97

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 1:14:43 PM

Quant Time: Apr 25 03:45:32 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	576872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	563084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	224921	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	270750	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.44%
7) Chloroethane-d5	1.93	69	191584	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.08%
11) 1,1-Dichloroethene-d2	2.59	63	439449	53.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.72%
21) 2-Butanone-d5	4.67	46	451029	112.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.93%
24) Chloroform-d	5.10	84	359576	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	5.74	65	255942	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.76	84	780456	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.72	67	265703	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.92	98	723792	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	8.20	79	136109	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
47) 2-Hexanone-d5	8.65	63	336213	115.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.97%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	308630	41.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	274456	62.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.42%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	4834451	844.709	ug/L	98
8) Chloroethane	1.95	64	199957	62.183	ug/L	99
12) 1,1-Dichloroethene	2.61	96	257061	73.399	ug/L	83
13) Acetone	2.66	43	94507	39.662	ug/L	100
14) Carbon disulfide	2.83	76	48387	3.863	ug/L	100
15) Methyl Acetate	2.98	43	7725	1.341	ug/L	99
16) Methylene chloride	3.08	84	1133972	272.485	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	11409	2.913	ug/L	90
19) 1,1-Dichloroethane	3.91	63	2544323	322.325	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	9515430	2219.308	ug/L	98
22) 2-Butanone	4.75	43	84938	20.357	ug/L #	50
27) 1,2-Dichloroethane	5.83	62	21261	3.361	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	2760728	439.018	ug/L	99
34) Trichloroethene	6.57	95	775310	184.942	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	21240	2.616	ug/L	96
42) Toluene	7.99	91	298021	16.632	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	12565	3.086	ug/L	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.59	91	910696	45.384	ug/L	99
53) m,p-Xylene	9.71	106	1098847	145.443	ug/L	100
54) o-xylene	10.11	106	332523	45.002	ug/L	99
56) Isopropylbenzene	10.50	105	136812	6.996	ug/L	99

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

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