

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037922.D
 Acq On : 29 Apr 2020 19:14
 Operator : JC/MD
 Sample : L2395-12 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D97

Quant Time: Apr 30 03:56:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	682084	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	663247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	305670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193510	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.94%
7) Chloroethane-d5	1.93	69	186813	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.59	63	276877	28.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.40%#
21) 2-Butanone-d5	4.66	46	423137	89.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.61%
24) Chloroform-d	5.10	84	397352	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.74	65	277937	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
32) Benzene-d6	5.76	84	818449	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
36) 1,2-Dichloropropane-d6	6.72	67	286203	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.92	98	738733	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	8.20	79	129117	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.98%
47) 2-Hexanone-d5	8.65	63	301909	88.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.41%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	415381	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	12.20	152	276283	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	270450	39.966	ug/L	100
8) Chloroethane	1.95	64	11567	3.042	ug/L	96
12) 1,1-Dichloroethene	2.60	96	17234	4.162	ug/L #	1
13) Acetone	2.65	43	5358	1.902	ug/L	80
16) Methylene chloride	3.08	84	69003	14.023	ug/L	97
19) 1,1-Dichloroethane	3.91	63	143599	15.386	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	554875	109.453	ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	155679	21.018	ug/L	99
34) Trichloroethene	6.57	95	38648	7.827	ug/L	95
42) Toluene	7.99	91	20069	0.951	ug/L	99
52) Ethylbenzene	9.59	91	50604	2.141	ug/L	98
53) m,p-Xylene	9.71	106	57619	6.475	ug/L	95
54) o-xylene	10.12	106	18391	2.113	ug/L	95

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

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