

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037103.D
 Acq On : 06 Mar 2020 12:51
 Operator : JC/MD
 Sample : L1780-05DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF9DL

Quant Time: Mar 07 01:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272117	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	102966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93049	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.44%
7) Chloroethane-d5	1.93	69	87435	46.24	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.59	63	123797	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	4.67	46	145319	94.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.10	84	157592	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.74	65	109246	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.76	84	343188	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.72	67	112242	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.88%
41) Toluene-d8	7.92	98	305768	43.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.46%
43) trans-1,3-Dichloropropene-	8.20	79	45055	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.50%
47) 2-Hexanone-d5	8.66	63	96953	80.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153026	43.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	93827	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.13	83	4821	1.362	ug/L	89
33) Benzene	5.81	78	263573	31.646	ug/L	100
51) Chlorobenzene	9.47	112	307811	58.545	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	37369	11.188	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	233791	70.844	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	264592	79.336	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	24673	15.533	ug/L	95
70) 1,2,3-Trichlorobenzene	14.36	180	8352	5.262	ug/L	99

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

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