

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037093.D
 Acq On : 05 Mar 2020 19:12
 Operator : JC/MD
 Sample : L1780-12DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH1DL

Quant Time: Mar 06 02:08:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249267	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90249	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75130	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.78%
7) Chloroethane-d5	1.93	69	78078	45.08	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	2.59	63	105764	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	4.67	46	146394	104.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	5.10	84	151159	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.74	65	107332	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.76	84	325609	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.72	67	110032	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.74%
41) Toluene-d8	7.92	98	283281	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	8.20	79	44245	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.56%
47) 2-Hexanone-d5	8.66	63	99555	90.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.43%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155454	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	90730	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

					Ovalue
25) Chloroform	5.12	83	4382	1.351	ug/L 97
33) Benzene	5.81	78	1286166	169.400	ug/L 100
51) Chlorobenzene	9.47	112	757562	158.061	ug/L 99
62) 1,3-Dichlorobenzene	11.76	146	5186	1.771	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	148900	51.478	ug/L 97
65) 1,2-Dichlorobenzene	12.23	146	99532	34.049	ug/L 98
68) 1,2,4-trichlorobenzene	13.87	180	2255	1.620	ug/L 93

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

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