

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037102.D
 Acq On : 06 Mar 2020 12:28
 Operator : JC/MD
 Sample : L1780-03DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF7DL

Quant Time: Mar 07 01:11:20 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	267952	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88089	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.30%
7) Chloroethane-d5	1.93	69	80217	43.08	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.16%
11) 1,1-Dichloroethene-d2	2.59	63	115745	30.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.44%
21) 2-Butanone-d5	4.67	46	119434	79.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.13%
24) Chloroform-d	5.11	84	143607	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
26) 1,2-Dichloroethane-d4	5.74	65	100463	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
32) Benzene-d6	5.76	84	316395	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
36) 1,2-Dichloropropane-d6	6.72	67	103106	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.82%
41) Toluene-d8	7.93	98	282136	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	41135	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
47) 2-Hexanone-d5	8.66	63	80640	68.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.63%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	137491	40.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	84721	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%

Target Compounds

					Ovalue
33) Benzene	5.81	78	193461	23.875	ug/L 100
51) Chlorobenzene	9.47	112	259088	50.652	ug/L 99
62) 1,3-Dichlorobenzene	11.76	146	24139	7.666	ug/L 99
63) 1,4-Dichlorobenzene	11.85	146	122778	39.464	ug/L 99
65) 1,2-Dichlorobenzene	12.23	146	148263	47.155	ug/L 99
68) 1,2,4-trichlorobenzene	13.88	180	2757	1.841	ug/L 92

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

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