

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037057.D
 Acq On : 04 Mar 2020 23:17
 Operator : JC/MD
 Sample : L1780-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF7

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:34 PM

Quant Time: Mar 05 03:36:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252609	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87907	41.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.88%
7) Chloroethane-d5	1.92	69	85509	48.72	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.44%
11) 1,1-Dichloroethene-d2	2.59	63	125963	35.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.92%
21) 2-Butanone-d5	4.67	46	143337	100.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.73%
24) Chloroform-d	5.10	84	165519	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.74	65	113162	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.76	84	354105	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.72	67	113583	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.92	98	313487	43.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.12%
43) trans-1,3-Dichloropropene-	8.20	79	46921	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.36%
47) 2-Hexanone-d5	8.66	63	105500	85.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162470	45.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	126189	48.42	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3354	1.361	ug/L	91
12) 1,1-Dichloroethene	2.60	96	12292	7.534	ug/L #	1
13) Acetone	2.66	43	5009	3.422	ug/L	99
25) Chloroform	5.13	83	68539	20.857	ug/L	96
29) Cyclohexane	5.43	56	3379	0.949	ug/L	95
33) Benzene	5.81	78	19905104m	2348.948	ug/L	
34) Trichloroethene	6.57	95	6530	3.135	ug/L	98
46) Tetrachloroethene	8.57	164	2110	1.538	ug/L	92
51) Chlorobenzene	9.47	112	22265080m	4162.200	ug/L	
62) 1,3-Dichlorobenzene	11.76	146	3798957	878.420	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	17145437m	4012.696	ug/L	
65) 1,2-Dichlorobenzene	12.24	146	18484104m	4280.574	ug/L	
68) 1,2,4-trichlorobenzene	13.87	180	894370	434.863	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	341603	166.211	ug/L	98

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

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