

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037097.D
 Acq On : 05 Mar 2020 20:43
 Operator : JC/MD
 Sample : L1784-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 C0B02

Manual Integrations
 APPROVED

apatel
 3/10/2020 1:53:28 PM

Quant Time: Mar 06 02:28:58 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	6.29	114	252025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72946	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.94%
7) Chloroethane-d5	1.93	69	76194	43.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.59	63	111795	31.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.67	46	148262	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	5.11	84	153188	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	106857	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
32) Benzene-d6	5.76	84	326628	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
36) 1,2-Dichloropropane-d6	6.73	67	102755	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.16%
41) Toluene-d8	7.92	98	282152	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	8.20	79	46283	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.66	63	104869	95.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155113	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	86691	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	80375	49.940	ug/L	100
12) 1,1-Dichloroethene	2.60	96	11244	6.907	ug/L	# 1
13) Acetone	2.66	43	3303	2.262	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	24095	12.323	ug/L	96
25) Chloroform	5.13	83	8435	2.573	ug/L	96
30) 1,1,1-Trichloroethane	5.36	97	313343	121.454	ug/L	98
31) Carbon tetrachloride	5.56	117	7674	3.795	ug/L	97
34) Trichloroethene	6.58	95	29118957m	15584.843	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	13044	7.166	ug/L	98
46) Tetrachloroethene	8.57	164	2924	2.376	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	2763	0.964	ug/L	93

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

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