

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037192.D
 Acq On : 12 Mar 2020 16:36
 Operator : JC/MD
 Sample : L1784-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00

Manual Integrations
 APPROVED

apatel
 3/16/2020 3:05:13 PM

Quant Time: Mar 13 07:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	403257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	393383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149151	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.58%
7) Chloroethane-d5	1.93	69	123967	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.59	63	211532	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
21) 2-Butanone-d5	4.67	46	267236	108.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	5.10	84	290402	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.74	65	220460	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.76	84	539629	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.72	67	177898	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.92	98	499457	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	8.20	79	92298	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.66	63	182815	99.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	258622	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	180039	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	6765m	2.569	ug/L	
12) 1,1-Dichloroethene	2.60	96	6467	2.717	ug/L	# 1
13) Acetone	2.66	43	5430	2.317	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	38688	12.828	ug/L	92
30) 1,1,1-Trichloroethane	5.36	97	449188	86.026	ug/L	100
34) Trichloroethene	6.57	95	750799	249.184	ug/L	98

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

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