

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038213.D
 Acq On : 18 May 2020 12:30
 Operator : JC/MD
 Sample : L2657-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST8

Quant Time: May 18 22:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	415972	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	400888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	192827	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108114	2.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.80%
7) Chloroethane-d5	1.93	69	99877	3.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.60%#
11) 1,1-Dichloroethene-d2	2.59	63	137097	2.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.20%#
20) 2-Butanone-d5	4.68	46	397135	42.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	5.10	84	194684	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.40%#
26) 1,2-Dichloroethane-d4	5.74	65	119271	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
32) Benzene-d6	5.76	84	394560	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.60%#
36) 1,2-Dichloropropane-d6	6.72	67	135505	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.80%
41) Toluene-d8	7.92	98	337636	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	8.20	79	53160	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.66	63	303056	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115962	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	134050	3.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.40%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	14440	0.380 ug/L	98
9) Trichlorofluoromethane	2.16	101	8199	0.178 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	71959	0.897 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	32321	0.952 ug/L	95
34) Trichloroethene	6.57	95	900383	28.042 ug/L	97
47) Tetrachloroethene	8.58	164	190273	8.472 ug/L	100

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

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