

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040853.D
 Acq On : 20 Oct 2020 17:33
 Operator : SY/MD
 Sample : L4428-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ45

Quant Time: Oct 21 01:17:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109329	10.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	218.20%#
7) Chloroethane-d5	1.92	69	38460	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	84151	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.67	46	193826	60.47	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	5.08	84	86304	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	53727	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	159509	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	55323	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.91	98	127949	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	21453	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	125190	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49080	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	49492	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	9143884	847.776	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1975	0.196	ug/L #	79
12) 1,1-Dichloroethene	2.59	96	36855	4.273	ug/L	91
13) Acetone	2.66	43	4004	1.612	ug/L	95
14) Carbon disulfide	2.82	76	11490	0.476	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	7540	0.309	ug/L #	91
18) trans-1,2-Dichloroethene	3.37	96	158964	17.608	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	20928478	2149.635	ug/L	65
30) Cyclohexane	5.41	56	1040	0.069	ug/L #	88
34) Trichloroethene	6.56	95	143828	14.170	ug/L	95
47) Tetrachloroethene	8.56	164	306351	42.303	ug/L	97
53) m,p-Xylene	9.69	106	1836	0.117	ug/L	62

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

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