

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040852.D
 Acq On : 20 Oct 2020 17:10
 Operator : SY/MD
 Sample : L4428-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ44

Quant Time: Oct 21 01:10:42 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	122590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90763	8.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	178.60%#
7) Chloroethane-d5	1.92	69	38300	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	81201	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.67	46	193834	59.63	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.26%
24) Chloroform-d	5.08	84	86821	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	53865	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	163306	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	56276	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	130867	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	21358	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	125230	51.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49248	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	51948	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	6500314	594.241	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1310	0.128	ug/L #	81
12) 1,1-Dichloroethene	2.59	96	27211	3.111	ug/L #	84
14) Carbon disulfide	2.81	76	5034	0.206	ug/L #	95
17) Methyl tert-butyl Ether	3.38	73	7202	0.291	ug/L #	83
18) trans-1,2-Dichloroethene	3.37	96	148977	16.271	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	19155444	1939.979	ug/L #	66
34) Trichloroethene	6.56	95	102349	9.834	ug/L	97
47) Tetrachloroethene	8.56	164	185667	25.005	ug/L	97

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

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