

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040826.D
 Acq On : 20 Oct 2020 00:14
 Operator : SY/MD
 Sample : L4420-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Oct 20 06:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27276	2.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.20%
7) Chloroethane-d5	1.92	69	28100	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.59	63	89400	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.66	46	174446	57.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.40%
24) Chloroform-d	5.08	84	79261	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	50696	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	132527	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.70	67	50466	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	97750	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.19	79	17949	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	118958	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47989	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44946	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	2912	0.284 ug/L #	1
12) 1,1-Dichloroethene	2.59	96	76556	9.329 ug/L #	85
14) Carbon disulfide	2.81	76	2810	0.122 ug/L #	94
17) Methyl tert-butyl Ether	3.39	73	4163	0.179 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	5371	0.625 ug/L	99
19) 1,1-Dichloroethane	3.89	63	17762	1.000 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	129282	13.956 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	5211	0.320 ug/L	98
34) Trichloroethene	6.56	95	153699	15.243 ug/L	98
47) Tetrachloroethene	8.56	164	166299	23.117 ug/L	97

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

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