

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040879.D
 Acq On : 21 Oct 2020 17:31
 Operator : SY/MD
 Sample : L4420-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Oct 26 17:04:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 01:39:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	236375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	242693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	103243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	77083	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	69109	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	198930	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.40%
20) 2-Butanone-d5	4.65	46	330608	57.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	5.08	84	163669	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	106142	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	295223	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	104606	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	232131	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	39835	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	252576	58.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	96283	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	98910	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	6093	0.252	ug/L #	23
12) 1,1-Dichloroethene	2.59	96	145465	8.402	ug/L	89
13) Acetone	2.65	43	7122	1.761	ug/L	95
14) Carbon disulfide	2.81	76	5460	0.089	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	8958	0.213	ug/L #	93
18) trans-1,2-Dichloroethene	3.37	96	9261	0.516	ug/L	87
19) 1,1-Dichloroethane	3.89	63	38467	1.065	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	256299	13.000	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	10273	0.326	ug/L	93
34) Trichloroethene	6.56	95	304522	15.337	ug/L	99
47) Tetrachloroethene	8.56	164	310424	21.007	ug/L	98

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

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