

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041353.D
 Acq On : 19 Nov 2020 19:12
 Operator : SY/MD
 Sample : L4790-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4419

Quant Time: Nov 20 07:45:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57337	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23805	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14703	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.92	69	14151	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	23977	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	94800	54.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.02%
24) Chloroform-d	5.08	84	42816	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	27814	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	67872	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	25240	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	49414	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.80%#
43) trans-1,3-Dichloropropene-	8.19	79	9491	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.64	63	62978	49.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25487	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	23207	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	68979	13.858	ug/L	# 81
13) Acetone	2.67	43	1236	1.071	ug/L	100
17) Methyl tert-butyl Ether	3.38	73	122494	11.988	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	21932	6.033	ug/L	97
19) 1,1-Dichloroethane	3.88	63	7320	0.901	ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	5697	1.388	ug/L	93
33) Benzene	5.79	78	6193	0.386	ug/L	100
42) Toluene	7.98	91	4108	0.240	ug/L	97

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

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