

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041185.D
 Acq On : 10 Nov 2020 18:24
 Operator : SY/MD
 Sample : L4646-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 03:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14795	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	13637	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.58	63	23208	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.65	46	83180	58.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	5.08	84	39302	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	24819	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	64528	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	23322	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	52344	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	8956	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	57568	53.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22274	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23876	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	847	0.176	ug/L #	66
13) Acetone	2.66	43	1934m	2.000	ug/L	
17) Methyl tert-butyl Ether	3.39	73	1507m	0.162	ug/L	
18) trans-1,2-Dichloroethene	3.37	96	586	0.160	ug/L	70
22) cis-1,2-Dichloroethene	4.69	96	34822	9.197	ug/L	100
27) 1,2-Dichloroethane	5.81	62	8131	1.484	ug/L #	94
30) Cyclohexane	5.40	56	756	0.118	ug/L #	84
33) Benzene	5.79	78	9192	0.577	ug/L	100
34) Trichloroethene	6.56	95	26485	6.532	ug/L	99
53) m,p-Xylene	9.69	106	1612	0.260	ug/L	89

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

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