

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041404.D
 Acq On : 23 Nov 2020 21:50
 Operator : SY/MD
 Sample : L4849-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4404

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 11:12:10 AM

Quant Time: Nov 24 03:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	59390	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.43	117	59508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	21822	5.23	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.94	69	15728	5.37	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	33913	4.14	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.76	46	61403	57.74	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.48%
24) Chloroform-d	5.11	84	46444	5.46	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.76	65	29549	5.97	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.77	84	82456	5.67	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.74	67	27889	6.02	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.40%
41) Toluene-d8	7.92	98	69740	5.08	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.20	79	11285	5.36	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.66	63	44008	63.95	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23267	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	26697	6.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	188653	36.350	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	28890	3.172	ug/L	96
18) trans-1,2-Dichloroethene	3.38	96	4603	1.161	ug/L	92
19) 1,1-Dichloroethane	3.91	63	4951	0.628	ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	53176	12.608	ug/L	98
33) Benzene	5.83	78	4894m	0.307	ug/L	
34) Trichloroethene	6.58	95	794	0.183	ug/L	90

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

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