

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040893.D
 Acq On : 21 Oct 2020 23:18
 Operator : SY/MD
 Sample : L4447-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 02:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	207975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	216250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	89897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69826	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	65382	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.58	63	107937	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	351899	69.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.02%#
24) Chloroform-d	5.08	84	162527	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	104614	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.75	84	285092	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	101225	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	219149	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	38340	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.64	63	252514	65.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.42%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	99057	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.00%#
64) 1,2-Dichlorobenzene-d4	12.19	152	93195	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	51807	14.561	ug/L	99
16) Methylene chloride	3.06	84	6227	0.332	ug/L	94
21) 2-Butanone	4.75	43	6413m	1.196	ug/L	
27) 1,2-Dichloroethane	5.81	62	44968	2.031	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	9596	0.762	ug/L #	66
52) Ethylbenzene	9.57	91	10930	0.146	ug/L	98
53) m,p-Xylene	9.69	106	15352	0.568	ug/L	86
54) o-Xylene	10.10	106	8237	0.320	ug/L	96

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

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