

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051517.D
 Acq On : 26 Oct 2022 21:53
 Operator : JC/MD
 Sample : N5300-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA73

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 08:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	244034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132180	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89405	4.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.909	69	75631	4.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.562	65	30826	3.961	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.620	46	223106	51.479	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.960%	
24) Chloroform-d	5.060	84	143588	3.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
26) 1,2-Dichloroethane-d4	5.710	65	81872	4.326	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.735	84	312973	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.690	67	99159	4.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.896	98	270241	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.179	79	31725	4.180	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.629	63	204305	79.866	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	159.740%#	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105630	5.724	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	107185	4.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.623	43	40856	12.569	ug/L	100
14) Carbon disulfide	2.790	76	14971	0.275	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1746	0.093	ug/L	87
19) 1,1-Dichloroethane	3.864	63	12499	0.324	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	6032	0.291	ug/L	94
30) Cyclohexane	5.388	56	105172	4.185	ug/L	96
33) Benzene	5.755	78	43349508m	525.116	ug/L	
35) Methylcyclohexane	6.761	83	184306	7.093	ug/L	98
42) Toluene	7.967	91	292739	3.341	ug/L	99
51) Chlorobenzene	9.446	112	6182183	118.079	ug/L	99
52) Ethylbenzene	9.571	91	12372136	157.118	ug/L	97
53) m,p-Xylene	9.690	106	1520078	49.774	ug/L	100
54) o-Xylene	10.099	106	337888	11.693	ug/L	98
60) Isopropylbenzene	10.481	105	5411943	64.643	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	349363m	15.731	ug/L	
63) 1,2,4-Trimethylbenzene	11.462	105	15847038m	252.307	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	153873	3.716	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	786641	19.272	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	480841	11.944	ug/L	99

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

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