

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060934.D
 Acq On : 20 Sep 2024 08:15
 Operator : MD/SY
 Sample : P3987-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q4

Quant Time: Sep 20 08:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39205	3.433	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.911	69	31876	3.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.563	65	15886	3.925	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	4.640	46	59016	32.194	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	64.380%	
24) Chloroform-d	5.055	84	77453	4.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.695	65	36387	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.721	84	141060	4.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.682	67	43117	3.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.200%	
41) Toluene-d8	7.891	98	121953	3.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	8.177	79	11129	2.842	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.800%	
46) 2-Hexanone-d5	8.631	63	50123	32.446	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	64.900%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36483	4.280	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	46564	5.003	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	9113	0.832	ug/L	82
12) 1,1-Dichloroethene	2.576	96	3082	0.386	ug/L	# 1
17) Methyl tert-butyl Ether	3.357	73	8905	0.493	ug/L	97
19) 1,1-Dichloroethane	3.862	63	12744	0.767	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	10978	1.199	ug/L	82
34) Trichloroethene	6.537	95	13192	1.395	ug/L	94

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

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