

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060918.D
 Acq On : 20 Sep 2024 01:48
 Operator : MD/SY
 Sample : P3987-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P9

Quant Time: Sep 20 05:56:37 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	128339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32589	2.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.911	69	29282	3.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.560	65	13308	3.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.631	46	65330	35.254	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.500%
24) Chloroform-d	5.055	84	74871	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	39016	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	133288	3.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.682	67	44875	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.891	98	108549	3.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.177	79	14095	3.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.627	63	63086	39.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39563	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	42723	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	41605	6.148	ug/L	94
13) Acetone	2.653	43	5415	4.380	ug/L	75
14) Carbon disulfide	2.788	76	9596	0.428	ug/L #	94
15) Methyl Acetate	2.956	43	5410	1.795	ug/L #	77
17) Methyl tert-butyl Ether	3.358	73	15560	0.853	ug/L	97
19) 1,1-Dichloroethane	3.862	63	27299	1.625	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	28530	3.082	ug/L	93

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

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