

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090523\  
 Data File : VU055109.D  
 Acq On : 05 Sep 2023 21:47  
 Operator : MD/SY  
 Sample : 04230-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4B4

Quant Time: Sep 06 05:24:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 06 05:03:37 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180039	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34342	4.070	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.400%	
7) Chloroethane-d5	1.907	69	43823	4.487	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.563	65	20917	4.351	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.628	46	129872	53.038	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.080%	
24) Chloroform-d	5.062	84	106329	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.701	65	55096	4.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.724	84	205471	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.689	67	67812	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.897	98	176632	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.180	79	17128	4.302	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.634	63	79435	49.144	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.280%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50067	4.924	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66025	4.740	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.386	85	2910	0.278	ug/L	94
3) Chloromethane	1.518	50	1834	0.172	ug/L	96
5) Vinyl chloride	1.599	62	2072	0.184	ug/L #	82
12) 1,1-Dichloroethene	2.573	96	22738	2.732	ug/L #	62
17) Methyl tert-butyl Ether	3.361	73	2981	0.137	ug/L #	89
19) 1,1-Dichloroethane	3.865	63	17326	0.949	ug/L #	94
22) cis-1,2-Dichloroethene	4.663	96	264237	25.561	ug/L	99
25) Chloroform	5.084	83	70543	3.711	ug/L	93
27) 1,2-Dichloroethane	5.795	62	2314	0.199	ug/L #	91
29) 1,1,1-Trichloroethane	5.319	97	2821	0.177	ug/L #	80
31) Carbon tetrachloride	5.521	117	3913	0.295	ug/L	88
33) Benzene	5.779	78	8371	0.214	ug/L	100
34) Trichloroethene	6.541	95	122139	11.213	ug/L	98
47) Tetrachloroethene	8.553	164	1424	0.189	ug/L	87
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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