

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055193.D
 Acq On : 07 Sep 2023 17:01
 Operator : MD/SY
 Sample : 04286-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D8

Quant Time: Sep 08 05:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	165230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	82636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27210	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.907	69	37508	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	18204	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.627	46	135040	62.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.540%
24) Chloroform-d	5.062	84	102857	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.701	65	53355	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.724	84	189839	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.688	67	66197	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.897	98	165547	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.184	79	16141	4.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	72687	50.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50528	5.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.196	152	59572	4.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3420	0.363	ug/L	95
5) Vinyl chloride	1.599	62	5412	0.544	ug/L	100
12) 1,1-Dichloroethene	2.576	96	61823	8.387	ug/L #	83
17) Methyl tert-butyl Ether	3.367	73	7618	0.394	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	3588	0.480	ug/L	93
19) 1,1-Dichloroethane	3.869	63	20222	1.251	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	1290825	140.996	ug/L	96
25) Chloroform	5.090	83	21051	1.251	ug/L	91
27) 1,2-Dichloroethane	5.801	62	7238	0.704	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	3886	0.272	ug/L #	84
34) Trichloroethene	6.541	95	464537	47.532	ug/L	97
47) Tetrachloroethene	8.553	164	1677	0.248	ug/L	92

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

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