

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055410.D
 Acq On : 19 Sep 2023 23:15
 Operator : MD/SY
 Sample : 04398-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4Q1

Quant Time: Sep 20 06:11:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	221635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	223298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31118	1.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.800%#
7) Chloroethane-d5	1.911	69	44237	2.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	44.800%#
11) 1,1-Dichloroethene-d2	2.563	65	17766	1.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.600%#
20) 2-Butanone-d5	4.631	46	162279	40.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.220%
24) Chloroform-d	5.062	84	118842	2.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.600%#
26) 1,2-Dichloroethane-d4	5.698	65	64466	3.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
32) Benzene-d6	5.724	84	212107	2.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	54.400%#
36) 1,2-Dichloropropane-d6	6.689	67	75717	3.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.800%
41) Toluene-d8	7.894	98	169844	2.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.800%#
43) trans-1,3-Dichloroprop...	8.180	79	10826	1.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	26.400%#
46) 2-Hexanone-d5	8.634	63	74249	29.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56550	3.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.600%#
66) 1,2-Dichlorobenzene-d4	12.193	152	65156	3.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.400%#
Target Compounds						
5) Vinyl chloride	1.602	62	169656	8.284	ug/L	98
12) 1,1-Dichloroethene	2.576	96	85271	5.503	ug/L #	75
16) Methylene chloride	3.046	84	6643	0.358	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	23216	0.691	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	5359	0.343	ug/L	92
19) 1,1-Dichloroethane	3.866	63	40818	1.413	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	1180037	65.165	ug/L	99
25) Chloroform	5.087	83	18366	0.600	ug/L	96
27) 1,2-Dichloroethane	5.795	62	9047	0.482	ug/L	98
31) Carbon tetrachloride	5.521	117	6884	0.315	ug/L	87
33) Benzene	5.779	78	10767	0.168	ug/L	100
34) Trichloroethene	6.537	95	1191196	65.524	ug/L	98
47) Tetrachloroethene	8.550	164	13249	1.016	ug/L	94
51) Chlorobenzene	9.447	112	6183	0.141	ug/L	95

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

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