

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091423\
 Data File : VU055305.D
 Acq On : 14 Sep 2023 13:18
 Operator : MD/SY
 Sample : 04380-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P0

Quant Time: Sep 15 03:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176336	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	176569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	84402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23413	2.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.911	69	39805	4.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.563	65	12792	2.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	4.634	46	146023	60.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.780%
24) Chloroform-d	5.062	84	97798	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	52149	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.724	84	175580	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.688	67	65114	4.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.897	98	137260	3.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.180	79	12520	3.280	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.634	63	74787	48.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48635	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	52494	4.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	51146	4.648	ug/L	98
9) Trichlorofluoromethane	2.136	101	26395	1.649	ug/L	99
12) 1,1-Dichloroethene	2.576	96	13590	1.667	ug/L #	65
16) Methylene chloride	3.046	84	3687	0.296	ug/L	81
17) Methyl tert-butyl Ether	3.361	73	13373	0.625	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	43502	5.259	ug/L	90
19) 1,1-Dichloroethane	3.865	63	10313	0.577	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	6089194	601.417	ug/L	91
25) Chloroform	5.081	83	12021	0.646	ug/L	83
33) Benzene	5.772	78	7793	0.207	ug/L	100
34) Trichloroethene	6.541	95	7822714	749.020	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	5666	0.822	ug/L	94
47) Tetrachloroethene	8.550	164	42292	5.859	ug/L	98
51) Chlorobenzene	9.444	112	23448	0.884	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	21451	1.135	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	52632	2.795	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	10995	0.621	ug/L	94
70) 1,2,4-trichlorobenzene	13.836	180	163574	12.217	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	57890	4.982	ug/L	98

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

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