

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030461.D
 Acq On : 10 Apr 2023 12:15
 Operator : SY/MD
 Sample : 02254-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1

Quant Time: Apr 11 06:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	160977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	159819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	93459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30197	2.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.535	69	32689	3.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.066	63	96255	3.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.834	46	89280	32.398	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.800%
24) Chloroform-d	4.259	84	95438	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	4.953	65	45696	3.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	4.969	84	156328	3.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	5.998	67	50710	3.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.000%
41) Toluene-d8	7.252	98	136981	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.564	79	17656	3.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.037	63	72327	33.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40668	3.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	61080	3.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35521	1.736	ug/L	99
3) Chloromethane	1.217	50	114577	4.437	ug/L	100
5) Vinyl chloride	1.285	62	72224	3.836	ug/L	96
6) Bromomethane	1.490	94	20680	3.852	ug/L	98
8) Chloroethane	1.555	64	39642	3.676	ug/L	98
9) Trichlorofluoromethane	1.715	101	220195	8.024	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	53838	3.554	ug/L	97
12) 1,1-Dichloroethene	2.072	96	68335	5.081	ug/L	86
16) Methylene chloride	2.452	84	43447	2.731	ug/L	95
17) Methyl tert-butyl Ether	2.715	73	122656	4.306	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	78490	5.539	ug/L	92
22) cis-1,2-Dichloroethene	3.825	96	75277	5.293	ug/L	98
23) Bromochloromethane	4.159	128	11952	1.800	ug/L	93
25) Chloroform	4.284	83	111818	4.028	ug/L	97
27) 1,2-Dichloroethane	5.053	62	70661	4.210	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	115064	4.479	ug/L	99
31) Carbon tetrachloride	4.741	117	105535	4.528	ug/L	100
34) Trichloroethene	5.841	95	104593	6.832	ug/L	98
37) 1,2-Dichloropropane	6.101	63	58285	4.000	ug/L	99

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38) Bromodichloromethane	6.442	83	34620	1.814	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	25599	1.249	ug/L	98
42) Toluene	7.323	91	153127	2.533	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	67799	6.608	ug/L	98
47) Tetrachloroethene	7.911	164	60628	4.487	ug/L	97
49) Dibromochloromethane	8.185	129	66712	5.462	ug/L	99
52) Ethylbenzene	8.953	91	603079	9.117	ug/L	99
54) o-Xylene	9.487	106	61124	2.523	ug/L	98
55) Styrene	9.503	104	83576	2.031	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	48605	3.991	ug/L	99
60) Isopropylbenzene	9.876	105	421036	6.109	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	213385	3.723	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	59629	1.735	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	55184	1.782	ug/L	99

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

