

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031023\
 Data File : VW030148.D
 Acq On : 10 Mar 2023 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: Mar 10 23:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	145929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	87439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	34946	3.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.539	69	41460	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.066	63	84124	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.818	46	107734	61.885	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.760%
24) Chloroform-d	4.259	84	105806	5.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	4.953	65	44612	5.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	4.969	84	178509	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.998	67	58838	5.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.249	98	165465	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.561	79	19991	5.042	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.034	63	96258	58.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50460	6.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	11.570	152	72658	4.911	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	59196	4.986	ug/L	98
3) Chloromethane	1.217	50	82156	4.391	ug/L	99
5) Vinyl chloride	1.288	62	60708	4.882	ug/L	97
6) Bromomethane	1.494	94	11528	5.165	ug/L	98
8) Chloroethane	1.555	64	39041	5.153	ug/L	99
9) Trichlorofluoromethane	1.719	101	94718	5.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	58874	5.321	ug/L	96
12) 1,1-Dichloroethene	2.076	96	50605	5.167	ug/L	96
13) Acetone	2.150	43	66188	51.440	ug/L #	47
14) Carbon disulfide	2.246	76	118928	4.539	ug/L	99
15) Methyl Acetate	2.391	43	14442	4.806	ug/L	97
16) Methylene chloride	2.455	84	54142	4.525	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	91284	4.766	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	45849	4.921	ug/L	99
19) 1,1-Dichloroethane	3.121	63	90410	5.210	ug/L	100
21) 2-Butanone	3.902	43	84311	48.722	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	50714	4.925	ug/L	99
23) Bromochloromethane	4.162	128	24031	5.461	ug/L	97
25) Chloroform	4.288	83	97003	5.373	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	48776	5.165	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	87067	5.178	ug/L	99
30) Cyclohexane	4.593	56	60140	4.139	ug/L	97
31) Carbon tetrachloride	4.744	117	79494	5.259	ug/L	98
33) Benzene	5.021	78	192209	4.916	ug/L	100
34) Trichloroethene	5.841	95	51425	4.694	ug/L	98
35) Methylcyclohexane	6.059	83	71572	4.317	ug/L	98
37) 1,2-Dichloropropane	6.101	63	50958	5.123	ug/L	99
38) Bromodichloromethane	6.442	83	68245	5.375	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	69413	4.767	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	201535	49.104	ug/L	100
42) Toluene	7.323	91	213462	5.041	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	57965	5.100	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	36184	5.084	ug/L	96
47) Tetrachloroethene	7.911	164	46608	4.957	ug/L	99
48) 2-Hexanone	8.085	43	150664	51.277	ug/L	99
49) Dibromochloromethane	8.185	129	46086	5.534	ug/L	95
50) 1,2-Dibromoethane	8.291	107	34291	5.164	ug/L	100
51) Chlorobenzene	8.821	112	142048	4.974	ug/L	98
52) Ethylbenzene	8.953	91	220396	4.783	ug/L	98
53) m,p-Xylene	9.082	106	86784	4.900	ug/L	96
54) o-Xylene	9.487	106	81056	4.791	ug/L	99
55) Styrene	9.503	104	143331	5.095	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	42546	5.344	ug/L	99
59) Bromoform	9.673	173	27963	5.336	ug/L	100
60) Isopropylbenzene	9.876	105	230807	4.588	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	27967	4.779	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	181587	4.394	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	190480	4.506	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	127079	4.851	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	126925	4.802	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	113398	4.902	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6266	4.794	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	98411	4.570	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	75104	4.305	ug/L	99
71) Naphthalene	13.448	128	91467	4.012	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	63497	4.421	ug/L	100

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

