

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030030.D
 Acq On : 03 Feb 2023 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

Quant Time: Feb 04 00:56:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 03 01:11:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	230387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	219012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	118617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87141	4.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.564	69	82805	5.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	2.104	63	166824	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	3.883	46	180076	58.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.280%
24) Chloroform-d	4.333	84	167736	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.018	65	68515	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.037	84	338191	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.056	67	104418	5.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.304	98	309147	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.609	79	35004	5.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.079	63	163433	57.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.620%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	73764	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.609	152	105159	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	96594	4.505	ug/L	99
3) Chloromethane	1.240	50	130409	5.779	ug/L	100
5) Vinyl chloride	1.307	62	125052	5.651	ug/L	99
6) Bromomethane	1.519	94	40408	3.751	ug/L	99
8) Chloroethane	1.580	64	81320	6.057	ug/L	99
9) Trichlorofluoromethane	1.748	101	147386	5.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	91906	5.382	ug/L	96
12) 1,1-Dichloroethene	2.114	96	87657	4.456	ug/L	93
13) Acetone	2.182	43	136253	61.636	ug/L	97
14) Carbon disulfide	2.288	76	258682	4.567	ug/L	100
15) Methyl Acetate	2.432	43	30961	5.378	ug/L	93
16) Methylene chloride	2.497	84	105334	4.310	ug/L	92
17) Methyl tert-butyl Ether	2.760	73	178489	5.247	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	92932	5.082	ug/L	92
19) 1,1-Dichloroethane	3.178	63	177605	5.806	ug/L	98
21) 2-Butanone	3.966	43	193472	61.091	ug/L	98
22) cis-1,2-Dichloroethene	3.895	96	100667	5.166	ug/L	92
23) Bromochloromethane	4.233	128	42817	5.321	ug/L	83
25) Chloroform	4.362	83	173545	5.219	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	87889	5.440	ug/L	99
29) 1,1,1-Trichloroethane	4.593	97	145149	5.104	ug/L	96
30) Cyclohexane	4.664	56	142932	5.309	ug/L	96
31) Carbon tetrachloride	4.815	117	121235	4.899	ug/L	100
33) Benzene	5.085	78	399971	5.524	ug/L	100
34) Trichloroethene	5.902	95	93994	5.122	ug/L	98
35) Methylcyclohexane	6.120	83	154872	4.999	ug/L	97
37) 1,2-Dichloropropane	6.159	63	98869	5.830	ug/L	99
38) Bromodichloromethane	6.497	83	119514	5.449	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	127672	5.614	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	462905	63.967	ug/L	94
42) Toluene	7.374	91	414414	5.306	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	106163	5.793	ug/L	99
45) 1,1,2-Trichloroethane	7.824	97	64307	5.263	ug/L	97
47) Tetrachloroethene	7.963	164	76904	4.978	ug/L	98
48) 2-Hexanone	8.130	43	343407	66.391	ug/L	95
49) Dibromochloromethane	8.233	129	74295	5.182	ug/L	99
50) 1,2-Dibromoethane	8.339	107	57193	5.393	ug/L	100
51) Chlorobenzene	8.869	112	264872	5.341	ug/L	98
52) Ethylbenzene	8.998	91	424889	5.198	ug/L	99
53) m,p-Xylene	9.127	106	168217	5.199	ug/L	99
54) o-Xylene	9.532	106	159507	5.195	ug/L	98
55) Styrene	9.548	104	283296	5.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.226	83	76657	5.648	ug/L	99
59) Bromoform	9.718	173	39794	5.180	ug/L	99
60) Isopropylbenzene	9.918	105	420105	5.541	ug/L	99
61) 1,2,3-Trichloropropane	10.258	75	50951	5.801	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	345388	5.316	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	344610	5.319	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	208112	5.405	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	207373	5.403	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	189444	5.473	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	10980	5.286	ug/L	95
69) 1,3,5-Trichlorobenzene	12.628	180	168453	5.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.245	180	132185	5.458	ug/L	99
71) Naphthalene	13.487	128	174661	5.567	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	110930	5.519	ug/L	99

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

