

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031323\
 Data File : VW030171.D
 Acq On : 13 Mar 2023 12:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005298

Quant Time: Mar 14 03:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	196183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	191986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	113166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68314	5.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.536	69	56940	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.066	63	126423	4.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.818	46	101628	43.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.840%
24) Chloroform-d	4.259	84	121297	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.953	65	48733	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.969	84	233089	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.995	67	68968	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.249	98	230819	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.558	79	25336	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.034	63	93009	42.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.560%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50585	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	82145	4.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	70938	4.444	ug/L	98
3) Chloromethane	1.217	50	99378	3.951	ug/L	99
5) Vinyl chloride	1.285	62	74012	4.428	ug/L	100
6) Bromomethane	1.490	94	15129	5.042	ug/L	96
8) Chloroethane	1.555	64	46485	4.564	ug/L	100
9) Trichlorofluoromethane	1.719	101	114835	4.788	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	72283	4.860	ug/L	100
12) 1,1-Dichloroethene	2.072	96	62199	4.724	ug/L	88
13) Acetone	2.153	43	80427	46.495	ug/L #	47
14) Carbon disulfide	2.246	76	142123	4.034	ug/L	99
15) Methyl Acetate	2.391	43	16172	4.003	ug/L	94
16) Methylene chloride	2.452	84	69170	4.300	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	116943	4.542	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	55671	4.445	ug/L	100
19) 1,1-Dichloroethane	3.117	63	110533	4.738	ug/L	100
21) 2-Butanone	3.902	43	110334	47.427	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	63233	4.568	ug/L	97
23) Bromochloromethane	4.159	128	29266	4.947	ug/L	97
25) Chloroform	4.288	83	118734	4.892	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	59573	4.693	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	106267	4.712	ug/L	99
30) Cyclohexane	4.593	56	77877	3.996	ug/L	99
31) Carbon tetrachloride	4.744	117	97031	4.787	ug/L	99
33) Benzene	5.018	78	236954	4.519	ug/L	100
34) Trichloroethene	5.841	95	64865	4.415	ug/L	97
35) Methylcyclohexane	6.059	83	93399	4.200	ug/L	99
37) 1,2-Dichloropropane	6.101	63	61803	4.633	ug/L	99
38) Bromodichloromethane	6.439	83	84770	4.978	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	88123	4.513	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	260033	47.241	ug/L	99
42) Toluene	7.323	91	266189	4.687	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	72967	4.787	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	45344	4.751	ug/L	98
47) Tetrachloroethene	7.911	164	58516	4.640	ug/L	98
48) 2-Hexanone	8.085	43	193662	49.146	ug/L	99
49) Dibromochloromethane	8.185	129	57157	5.118	ug/L	99
50) 1,2-Dibromoethane	8.291	107	41988	4.715	ug/L	99
51) Chlorobenzene	8.821	112	179251	4.680	ug/L	98
52) Ethylbenzene	8.953	91	285405	4.618	ug/L	99
53) m,p-Xylene	9.082	106	110816	4.665	ug/L	99
54) o-Xylene	9.487	106	106314	4.686	ug/L	99
55) Styrene	9.503	104	188302	4.991	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	52797	4.945	ug/L	100
59) Bromoform	9.673	173	33318	4.912	ug/L	99
60) Isopropylbenzene	9.876	105	296994	4.561	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	34511	4.556	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	241262	4.511	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	254097	4.644	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	161989	4.778	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	155704	4.552	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	138990	4.643	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	7606	4.496	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	121684	4.366	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	95381	4.224	ug/L	98
71) Naphthalene	13.448	128	122318	4.146	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	80764	4.345	ug/L	100

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

