

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030288.D
 Acq On : 21 Mar 2023 19:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Mar 22 06:09:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121091	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43643	5.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%
7) Chloroethane-d5	1.539	69	39281	5.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.066	63	92291	5.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.600%
20) 2-Butanone-d5	3.818	46	79917	55.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.640%
24) Chloroform-d	4.262	84	88795	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	4.953	65	44158	6.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.200%#
32) Benzene-d6	4.970	84	160786	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	5.998	67	43969	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.252	98	158453	5.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.561	79	17768	5.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.034	63	68365	51.870	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.740%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32627	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	58368	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	41031	4.165	ug/L	100
3) Chloromethane	1.217	50	55137	3.551	ug/L	99
5) Vinyl chloride	1.285	62	43738	4.239	ug/L	100
6) Bromomethane	1.494	94	11810	6.377	ug/L	96
8) Chloroethane	1.555	64	27424	4.362	ug/L	99
9) Trichlorofluoromethane	1.719	101	80855	5.462	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	42397	4.618	ug/L	94
12) 1,1-Dichloroethene	2.076	96	35945	4.423	ug/L #	76
13) Acetone	2.147	43	58113	54.428	ug/L	65
14) Carbon disulfide	2.246	76	70585	3.246	ug/L	99
15) Methyl Acetate	2.391	43	11441	4.588	ug/L	100
16) Methylene chloride	2.455	84	36519	3.678	ug/L	96
17) Methyl tert-butyl Ether	2.716	73	79330	4.992	ug/L #	95
18) trans-1,2-Dichloroethene	2.700	96	31956	4.134	ug/L	94
19) 1,1-Dichloroethane	3.121	63	66081	4.589	ug/L	98
21) 2-Butanone	3.902	43	73157	50.948	ug/L	95
22) cis-1,2-Dichloroethene	3.828	96	37863	4.431	ug/L	98
23) Bromochloromethane	4.163	128	17285	4.734	ug/L	94
25) Chloroform	4.288	83	75750	5.056	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	47990	6.124	ug/L #	91
29) 1,1,1-Trichloroethane	4.526	97	72667	5.378	ug/L	96
30) Cyclohexane	4.597	56	45510	3.898	ug/L	97
31) Carbon tetrachloride	4.745	117	63826	5.255	ug/L	98
33) Benzene	5.021	78	141989	4.520	ug/L	100
34) Trichloroethene	5.841	95	37061	4.210	ug/L	99
35) Methylcyclohexane	6.060	83	52169	3.916	ug/L	97
37) 1,2-Dichloropropane	6.101	63	35574	4.451	ug/L	99
38) Bromodichloromethane	6.442	83	51846	5.081	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	52184	4.460	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	192094	58.245	ug/L	91
42) Toluene	7.323	91	161585	4.749	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	45549	4.987	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	27246	4.764	ug/L	96
47) Tetrachloroethene	7.915	164	34951	4.625	ug/L	96
48) 2-Hexanone	8.085	43	137536	58.252	ug/L	93
49) Dibromochloromethane	8.185	129	33539	5.012	ug/L	99
50) 1,2-Dibromoethane	8.291	107	23232	4.354	ug/L	93
51) Chlorobenzene	8.822	112	106659	4.648	ug/L	99
52) Ethylbenzene	8.953	91	178515	4.821	ug/L	99
53) m,p-Xylene	9.082	106	69988	4.918	ug/L	99
54) o-Xylene	9.487	106	66752	4.910	ug/L	99
55) Styrene	9.503	104	119312	5.278	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	29838	4.664	ug/L	99
59) Bromoform	9.674	173	21147	5.342	ug/L	98
60) Isopropylbenzene	9.876	105	187689	4.938	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	21839	4.940	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	155552	4.983	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	160517	5.026	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	94570	4.779	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	94393	4.728	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	85712	4.905	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	5446	5.516	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	75625	4.649	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	60935	4.624	ug/L	96
71) Naphthalene	13.448	128	82112	4.768	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	49935	4.603	ug/L	97

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

