

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029900.D
 Acq On : 23 Jan 2023 13:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Jan 24 01:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	177256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	179991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	107846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59452	4.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.564	69	55575	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.105	63	117448	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.889	46	121214	50.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.740%
24) Chloroform-d	4.336	84	112271	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.024	65	47020	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.040	84	221697	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.059	67	67601	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.307	98	198343	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.612	79	23055	4.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.085	63	105931	45.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	53671	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	75990	3.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82850	5.022	ug/L	99
3) Chloromethane	1.240	50	91538	5.272	ug/L	98
5) Vinyl chloride	1.307	62	104072	6.113	ug/L	99
6) Bromomethane	1.519	94	43300	5.224	ug/L	97
8) Chloroethane	1.584	64	65763	6.366	ug/L	100
9) Trichlorofluoromethane	1.751	101	124214	5.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78321	5.962	ug/L	96
12) 1,1-Dichloroethene	2.114	96	75560	4.992	ug/L	93
13) Acetone	2.182	43	113412	66.681	ug/L	92
14) Carbon disulfide	2.291	76	229436	5.265	ug/L	99
15) Methyl Acetate	2.433	43	22141	4.999	ug/L	99
16) Methylene chloride	2.500	84	94364	5.019	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	142957	5.463	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	78120	5.552	ug/L	96
19) 1,1-Dichloroethane	3.182	63	140558	5.972	ug/L	98
21) 2-Butanone	3.973	43	152332	62.519	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	82466	5.501	ug/L	94
23) Bromochloromethane	4.236	128	35454	5.726	ug/L	88
25) Chloroform	4.362	83	142254	5.560	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	72355	5.821	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	119068	5.095	ug/L	97
30) Cyclohexane	4.667	56	118212	5.343	ug/L	98
31) Carbon tetrachloride	4.815	117	102321	5.031	ug/L	99
33) Benzene	5.088	78	324460	5.452	ug/L	100
34) Trichloroethene	5.905	95	78365	5.196	ug/L	97
35) Methylcyclohexane	6.121	83	126195	4.956	ug/L	97
37) 1,2-Dichloropropane	6.162	63	77983	5.596	ug/L	99
38) Bromodichloromethane	6.500	83	96963	5.379	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	97239	5.203	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	355931	59.847	ug/L	97
42) Toluene	7.378	91	348320	5.427	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	78323	5.201	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	53114	5.290	ug/L	97
47) Tetrachloroethene	7.963	164	65434	5.153	ug/L	99
48) 2-Hexanone	8.133	43	267622	62.956	ug/L	98
49) Dibromochloromethane	8.236	129	62344	5.291	ug/L	98
50) 1,2-Dibromoethane	8.342	107	47851	5.490	ug/L	96
51) Chlorobenzene	8.870	112	216139	5.304	ug/L	100
52) Ethylbenzene	9.001	91	353797	5.267	ug/L	100
53) m,p-Xylene	9.127	106	138267	5.200	ug/L	100
54) o-Xylene	9.532	106	131724	5.220	ug/L	100
55) Styrene	9.551	104	235786	5.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	65868	5.905	ug/L	97
59) Bromoform	9.719	173	33187	4.751	ug/L	99
60) Isopropylbenzene	9.921	105	353623	5.130	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	42884	5.370	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	288304	4.880	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	291022	4.940	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	181429	5.183	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	181277	5.195	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	164174	5.217	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	9725	5.150	ug/L	90
69) 1,3,5-Trichlorobenzene	12.632	180	141651	5.027	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	111475	5.063	ug/L	99
71) Naphthalene	13.490	128	147949	5.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	93270	5.104	ug/L	99

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

