

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031323\
 Data File : VW030185.D
 Acq On : 13 Mar 2023 18:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

Quant Time: Mar 14 03:48:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 14 03:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	160269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	155788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	94538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	56656	5.463	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.200%		
7) Chloroethane-d5	1.539	69	48196	4.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.000%		
11) 1,1-Dichloroethene-d2	2.069	63	104499	4.901	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.000%		
20) 2-Butanone-d5	3.822	46	84827	44.367	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 88.740%		
24) Chloroform-d	4.262	84	104434	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	4.953	65	43436	5.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
32) Benzene-d6	4.973	84	199571	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.200%		
36) 1,2-Dichloropropane-d6	5.998	67	58506	4.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.800%		
41) Toluene-d8	7.252	98	194065	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...	7.561	79	21156	4.903	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.000%		
46) 2-Hexanone-d5	8.037	63	79670	44.633	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.260%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44328	4.941	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 98.800%		
66) 1,2-Dichlorobenzene-d4	11.570	152	72259	4.518	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 90.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	57374	4.400	ug/L	99
3) Chloromethane	1.217	50	73653	3.584	ug/L	99
5) Vinyl chloride	1.288	62	59580	4.363	ug/L	100
6) Bromomethane	1.494	94	16935	6.909	ug/L	99
8) Chloroethane	1.555	64	38028	4.571	ug/L	98
9) Trichlorofluoromethane	1.719	101	94347	4.815	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	58319	4.800	ug/L	99
12) 1,1-Dichloroethene	2.076	96	49108	4.566	ug/L	90
13) Acetone	2.150	43	58995	41.747	ug/L #	46
14) Carbon disulfide	2.249	76	112555	3.911	ug/L	100
15) Methyl Acetate	2.394	43	14431	4.372	ug/L	92
16) Methylene chloride	2.455	84	55957	4.259	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	94127	4.475	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	46828	4.577	ug/L	98
19) 1,1-Dichloroethane	3.121	63	91855	4.819	ug/L	98
21) 2-Butanone	3.902	43	82927	43.634	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	51509	4.555	ug/L	100
23) Bromochloromethane	4.162	128	24322	5.033	ug/L	95
25) Chloroform	4.288	83	97906	4.938	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	50339	4.854	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	89079	4.868	ug/L	99
30) Cyclohexane	4.596	56	61182	3.869	ug/L	97
31) Carbon tetrachloride	4.744	117	78871	4.795	ug/L	99
33) Benzene	5.021	78	194017	4.560	ug/L	100
34) Trichloroethene	5.844	95	52330	4.389	ug/L	98
35) Methylcyclohexane	6.063	83	72953	4.043	ug/L	99
37) 1,2-Dichloropropane	6.104	63	51457	4.754	ug/L	99
38) Bromodichloromethane	6.442	83	66090	4.783	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	68573	4.328	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	211535	47.360	ug/L	99
42) Toluene	7.323	91	216662	4.702	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	56197	4.543	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	37906	4.894	ug/L	99
47) Tetrachloroethene	7.915	164	47113	4.604	ug/L	98
48) 2-Hexanone	8.085	43	151699	47.442	ug/L	99
49) Dibromochloromethane	8.185	129	45254	4.993	ug/L	98
50) 1,2-Dibromoethane	8.291	107	34309	4.748	ug/L	95
51) Chlorobenzene	8.821	112	146935	4.728	ug/L	98
52) Ethylbenzene	8.956	91	226882	4.524	ug/L	99
53) m,p-Xylene	9.082	106	89736	4.656	ug/L	98
54) o-Xylene	9.487	106	85084	4.621	ug/L	99
55) Styrene	9.503	104	149378	4.879	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	43658	5.039	ug/L	99
59) Bromoform	9.673	173	26230	4.629	ug/L	100
60) Isopropylbenzene	9.876	105	236497	4.348	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	28584	4.517	ug/L	96
62) 1,3,5-Trimethylbenzene	10.487	105	187314	4.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	197041	4.311	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	128277	4.529	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	128735	4.505	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	116678	4.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	6164	4.362	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	98576	4.234	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	77262	4.096	ug/L	99
71) Naphthalene	13.448	128	95700	3.882	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	65714	4.232	ug/L	100

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

