

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031523\
 Data File : VW030204.D
 Acq On : 15 Mar 2023 11:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Mar 16 01:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 15 01:37:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	157623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	159412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	99419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51979	5.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.539	69	46321	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.066	63	103584	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.825	46	85828	45.644	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.280%
24) Chloroform-d	4.259	84	104144	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.953	65	42043	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.969	84	189885	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.998	67	56687	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.249	98	192516	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	21748	4.926	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.034	63	79237	43.381	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46225	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	73498	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	56629	4.416	ug/L	100
3) Chloromethane	1.217	50	77113	3.816	ug/L	99
5) Vinyl chloride	1.285	62	58136	4.329	ug/L	100
6) Bromomethane	1.494	94	14252	5.912	ug/L	96
8) Chloroethane	1.555	64	37598	4.595	ug/L	100
9) Trichlorofluoromethane	1.719	101	97149	5.042	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	60874	5.094	ug/L	98
12) 1,1-Dichloroethene	2.076	96	50833	4.806	ug/L	97
13) Acetone	2.150	43	66705	47.996	ug/L	# 46
14) Carbon disulfide	2.246	76	114342	4.040	ug/L	98
15) Methyl Acetate	2.391	43	13856	4.269	ug/L	90
16) Methylene chloride	2.455	84	68427	5.295	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	92225	4.458	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	45162	4.488	ug/L	99
19) 1,1-Dichloroethane	3.121	63	91029	4.856	ug/L	97
21) 2-Butanone	3.908	43	86979	46.534	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	49614	4.461	ug/L	94
23) Bromochloromethane	4.159	128	24476	5.150	ug/L	94
25) Chloroform	4.288	83	100115	5.134	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	50564	4.957	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	91324	4.877	ug/L	99
30) Cyclohexane	4.596	56	57891	3.578	ug/L	99
31) Carbon tetrachloride	4.744	117	79738	4.737	ug/L	99
33) Benzene	5.021	78	197945	4.547	ug/L	100
34) Trichloroethene	5.844	95	52110	4.272	ug/L	98
35) Methylcyclohexane	6.059	83	69784	3.780	ug/L	96
37) 1,2-Dichloropropane	6.101	63	51897	4.685	ug/L	100
38) Bromodichloromethane	6.442	83	69516	4.916	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	68241	4.209	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	217637	47.618	ug/L	99
42) Toluene	7.323	91	219556	4.656	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	58948	4.657	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	38583	4.868	ug/L	97
47) Tetrachloroethene	7.911	164	47266	4.514	ug/L	98
48) 2-Hexanone	8.085	43	161341	49.310	ug/L	99
49) Dibromochloromethane	8.185	129	47700	5.143	ug/L	99
50) 1,2-Dibromoethane	8.291	107	36079	4.879	ug/L	98
51) Chlorobenzene	8.821	112	146259	4.599	ug/L	99
52) Ethylbenzene	8.953	91	225417	4.393	ug/L	100
53) m,p-Xylene	9.082	106	88763	4.501	ug/L	98
54) o-Xylene	9.487	106	83112	4.412	ug/L	97
55) Styrene	9.503	104	151192	4.826	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	46369	5.231	ug/L	98
59) Bromoform	9.673	173	29088	4.881	ug/L	98
60) Isopropylbenzene	9.876	105	237965	4.160	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	29853	4.486	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	186771	3.975	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	196312	4.084	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	132351	4.443	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	135340	4.503	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	121070	4.603	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6294	4.235	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	102556	4.188	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	76576	3.860	ug/L	99
71) Naphthalene	13.448	128	96969	3.741	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	66499	4.072	ug/L	99

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

