

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032314.D
 Acq On : 06 Oct 2023 20:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Oct 07 05:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	90920	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28655	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.532	69	28038	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.060	65	12377	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.796	46	91872	49.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	4.252	84	62945	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	30029	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.963	84	115284	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.992	67	38519	4.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.246	98	112596	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.558	79	13849	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.027	63	75037	47.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32001	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	41843	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	50433	4.978	ug/L	99
3) Chloromethane	1.217	50	49603	4.856	ug/L	99
5) Vinyl chloride	1.282	62	47275	4.853	ug/L	99
6) Bromomethane	1.487	94	27913	4.743	ug/L	99
8) Chloroethane	1.548	64	29585	5.045	ug/L	100
9) Trichlorofluoromethane	1.712	101	58421	5.001	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	35048	4.951	ug/L	98
12) 1,1-Dichloroethene	2.069	96	31665	4.749	ug/L	89
13) Acetone	2.124	43	56453	39.157	ug/L	96
14) Carbon disulfide	2.240	76	101234	4.343	ug/L	98
15) Methyl Acetate	2.381	43	14584	4.493	ug/L	97
16) Methylene chloride	2.449	84	39733	4.570	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	78285	4.312	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	34165	4.473	ug/L	98
19) 1,1-Dichloroethane	3.114	63	65308	4.546	ug/L	98
21) 2-Butanone	3.876	43	87715	38.906	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	36805	4.475	ug/L	96
23) Bromochloromethane	4.150	128	16137	4.664	ug/L	95
25) Chloroform	4.278	83	66330	4.705	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	38406	4.612	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	54356	4.123	ug/L	97
30) Cyclohexane	4.584	56	55112	3.804	ug/L	99
31) Carbon tetrachloride	4.735	117	47266	4.237	ug/L	99
33) Benzene	5.011	78	141556	4.146	ug/L	100
34) Trichloroethene	5.834	95	38942	4.178	ug/L	97
35) Methylcyclohexane	6.053	83	50025	3.468	ug/L	90
37) 1,2-Dichloropropane	6.098	63	34236	3.749	ug/L	98
38) Bromodichloromethane	6.436	83	48326	4.454	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	52347	4.028	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	240098	41.552	ug/L	99
42) Toluene	7.317	91	161380	4.434	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	41146	3.853	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	28382	4.406	ug/L	99
47) Tetrachloroethene	7.908	164	30191	4.271	ug/L	98
48) 2-Hexanone	8.079	43	170323	41.778	ug/L	98
49) Dibromochloromethane	8.178	129	29418	4.387	ug/L	95
50) 1,2-Dibromoethane	8.288	107	27018	4.435	ug/L	93
51) Chlorobenzene	8.818	112	101718	4.341	ug/L	99
52) Ethylbenzene	8.950	91	171395	4.229	ug/L	100
53) m,p-Xylene	9.075	106	64135	4.267	ug/L	100
54) o-Xylene	9.481	106	62241	4.297	ug/L	95
55) Styrene	9.500	104	111708	4.567	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	31241	4.408	ug/L	98
59) Bromoform	9.670	173	15042	4.039	ug/L	99
60) Isopropylbenzene	9.870	105	171504	4.309	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23513	4.313	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	134055	4.132	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	136211	4.218	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	80739	4.246	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	82298	4.314	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	73434	4.235	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	4548	4.084	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	57327	4.117	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	49085	3.974	ug/L	99
71) Naphthalene	13.442	128	80709	3.847	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	44170	4.150	ug/L	99

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

