

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110223\
 Data File : VW032830.D
 Acq On : 01 Nov 2023 17:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Quant Time: Nov 02 01:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 01:31:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127914	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	150077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	80781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42299	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	42360	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	19582	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.812	46	112089	49.409	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	4.253	84	96860	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	4.950	65	46540	5.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	4.963	84	175990	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.992	67	51799	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.246	98	182554	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.558	79	23201	5.082	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.031	63	96425	53.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	49374	5.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	67700	5.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	69392	5.285	ug/L	99
3) Chloromethane	1.217	50	77177	4.982	ug/L	99
5) Vinyl chloride	1.282	62	77856	5.065	ug/L	99
6) Bromomethane	1.487	94	46172	5.147	ug/L	96
8) Chloroethane	1.552	64	51830	5.156	ug/L	99
9) Trichlorofluoromethane	1.716	101	119535	5.776	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	65666	5.381	ug/L	99
12) 1,1-Dichloroethene	2.069	96	60226	5.268	ug/L	90
13) Acetone	2.137	43	108662	48.520	ug/L	89
14) Carbon disulfide	2.240	76	191532	5.288	ug/L	100
15) Methyl Acetate	2.384	43	20797	4.637	ug/L	94
16) Methylene chloride	2.449	84	85541	6.079	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	129622	5.252	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	64194	5.678	ug/L	99
19) 1,1-Dichloroethane	3.114	63	106809	5.329	ug/L	99
21) 2-Butanone	3.889	43	149905	50.629	ug/L	88
22) cis-1,2-Dichloroethene	3.819	96	63427	5.534	ug/L	91
23) Bromochloromethane	4.150	128	31210	5.854	ug/L	95
25) Chloroform	4.278	83	123274	5.657	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	73882	5.455	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	104351	5.390	ug/L	97
30) Cyclohexane	4.587	56	77816	4.769	ug/L	95
31) Carbon tetrachloride	4.738	117	91948	5.460	ug/L	99
33) Benzene	5.011	78	256561	5.423	ug/L	100
34) Trichloroethene	5.835	95	65729	5.201	ug/L	97
35) Methylcyclohexane	6.050	83	93560	4.954	ug/L	97
37) 1,2-Dichloropropane	6.095	63	63830	5.592	ug/L	97
38) Bromodichloromethane	6.436	83	84269	4.997	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	92373	5.315	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	391208	53.115	ug/L	98
42) Toluene	7.317	91	303981	5.531	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	81497	5.449	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	50331	5.221	ug/L	98
47) Tetrachloroethene	7.908	164	60609	5.427	ug/L	97
48) 2-Hexanone	8.079	43	281574	52.269	ug/L	97
49) Dibromochloromethane	8.178	129	62884	5.499	ug/L	99
50) 1,2-Dibromoethane	8.285	107	49731	5.527	ug/L	94
51) Chlorobenzene	8.815	112	194144	5.347	ug/L	98
52) Ethylbenzene	8.950	91	310724	5.378	ug/L	97
53) m,p-Xylene	9.076	106	122464	5.597	ug/L	100
54) o-Xylene	9.481	106	114514	5.396	ug/L	97
55) Styrene	9.500	104	207934	5.914	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	59782	5.316	ug/L	99
59) Bromoform	9.670	173	33394	5.269	ug/L	99
60) Isopropylbenzene	9.870	105	292011	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	41842	4.898	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	229078	5.111	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	234319	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	156623	5.324	ug/L	99
65) 1,4-Dichlorobenzene	11.211	146	156901	5.373	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	149144	5.513	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9130	4.472	ug/L	93
69) 1,3,5-Trichlorobenzene	12.587	180	108357	5.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	88248	4.953	ug/L	98
71) Naphthalene	13.442	128	121585	4.306	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	77098	4.921	ug/L	98

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

