

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032457.D
 Acq On : 17 Oct 2023 19:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Oct 18 06:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	121516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	130683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36416	3.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.532	69	32827	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.060	65	15863	3.806	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.812	46	125189	50.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.160%
24) Chloroform-d	4.253	84	79527	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.947	65	38607	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	140681	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	5.992	67	44939	3.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.600%
41) Toluene-d8	7.246	98	135514	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.558	79	17856	3.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.031	63	106977	50.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41390	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	50702	4.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68824	5.083	ug/L	98
3) Chloromethane	1.217	50	70722	5.181	ug/L	100
5) Vinyl chloride	1.282	62	69985	5.375	ug/L	98
6) Bromomethane	1.487	94	36837	4.684	ug/L	98
8) Chloroethane	1.548	64	44471	5.674	ug/L	100
9) Trichlorofluoromethane	1.712	101	83494	5.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	50668	5.355	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49239	5.525	ug/L	86
13) Acetone	2.143	43	98620	51.181	ug/L	96
14) Carbon disulfide	2.240	76	145556	4.672	ug/L	99
15) Methyl Acetate	2.388	43	23341	5.381	ug/L	97
16) Methylene chloride	2.449	84	58088	4.999	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	138085	5.691	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	54431	5.332	ug/L	98
19) 1,1-Dichloroethane	3.114	63	106498	5.546	ug/L	99
21) 2-Butanone	3.892	43	158291	52.532	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	59660	5.428	ug/L	92
23) Bromochloromethane	4.153	128	25204	5.451	ug/L	98
25) Chloroform	4.278	83	109171	5.794	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	66175	5.945	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	90078	5.070	ug/L	99
30) Cyclohexane	4.584	56	79813	4.088	ug/L	97
31) Carbon tetrachloride	4.738	117	75165	5.000	ug/L	98
33) Benzene	5.015	78	224145	4.872	ug/L	100
34) Trichloroethene	5.834	95	57864	4.607	ug/L	97
35) Methylcyclohexane	6.050	83	72116	3.710	ug/L	88
37) 1,2-Dichloropropane	6.095	63	61794	5.022	ug/L	99
38) Bromodichloromethane	6.436	83	78964	5.401	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	84035	4.799	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	397103	50.997	ug/L	99
42) Toluene	7.317	91	272565	5.557	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	67795	4.711	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	43984	5.067	ug/L	99
47) Tetrachloroethene	7.905	164	45311	4.757	ug/L	99
48) 2-Hexanone	8.079	43	281923	51.315	ug/L	100
49) Dibromochloromethane	8.178	129	46638	5.161	ug/L	99
50) 1,2-Dibromoethane	8.285	107	41878	5.101	ug/L	96
51) Chlorobenzene	8.818	112	161801	5.124	ug/L	100
52) Ethylbenzene	8.950	91	279925	5.125	ug/L	100
53) m,p-Xylene	9.075	106	114986	5.677	ug/L	99
54) o-Xylene	9.481	106	102292	5.241	ug/L	100
55) Styrene	9.500	104	171800	5.212	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	52399	5.486	ug/L	100
59) Bromoform	9.670	173	23927	5.000	ug/L	98
60) Isopropylbenzene	9.870	105	266429	5.210	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	38737	5.531	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	213172	5.114	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	224094	5.400	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	125207	5.125	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	124478	5.079	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	115359	5.177	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	8180	5.716	ug/L	87
69) 1,3,5-Trichlorobenzene	12.587	180	88480	4.945	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	76257	4.805	ug/L	98
71) Naphthalene	13.442	128	139715	5.182	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	68064	4.978	ug/L	99

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

