

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032438.D
 Acq On : 17 Oct 2023 11:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Quant Time: Oct 18 05:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 22:36:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111863	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40671	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.529	69	33710	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.047	65	17345	4.521	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.805	46	126508	54.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.940%
24) Chloroform-d	4.246	84	86303	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	4.940	65	40404	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.957	84	161606	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.989	67	51960	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.243	98	145972	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.558	79	19416	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.034	63	103631	58.284	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42325	5.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	54857	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	71435	5.731	ug/L	98
3) Chloromethane	1.217	50	73168	5.822	ug/L	100
5) Vinyl chloride	1.281	62	69423	5.792	ug/L	100
6) Bromomethane	1.487	94	31108	4.297	ug/L	96
8) Chloroethane	1.542	64	38130	5.284	ug/L	100
9) Trichlorofluoromethane	1.696	101	99860	6.948	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	53860	6.184	ug/L	100
12) 1,1-Dichloroethene	2.056	96	47611	5.803	ug/L	92
13) Acetone	2.130	43	110773	62.449	ug/L	97
14) Carbon disulfide	2.227	76	149170	5.201	ug/L	100
15) Methyl Acetate	2.381	43	22558	5.649	ug/L	98
16) Methylene chloride	2.439	84	57906	5.414	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	120474	5.394	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	49996	5.320	ug/L	100
19) 1,1-Dichloroethane	3.105	63	99477	5.628	ug/L	99
21) 2-Butanone	3.886	43	149458	53.881	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	55573	5.492	ug/L	99
23) Bromochloromethane	4.143	128	24792	5.824	ug/L	98
25) Chloroform	4.275	83	102619	5.917	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	59080	5.766	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	86138	5.792	ug/L	98
30) Cyclohexane	4.577	56	86418	5.288	ug/L	98
31) Carbon tetrachloride	4.731	117	72172	5.735	ug/L	100
33) Benzene	5.008	78	219129	5.690	ug/L	100
34) Trichloroethene	5.834	95	58014	5.518	ug/L	98
35) Methylcyclohexane	6.050	83	85387	5.248	ug/L	99
37) 1,2-Dichloropropane	6.095	63	56348	5.471	ug/L	99
38) Bromodichloromethane	6.432	83	71272	5.824	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	79264	5.408	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	354766	54.429	ug/L	98
42) Toluene	7.317	91	230249	5.608	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	64226	5.332	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	39899	5.491	ug/L	98
47) Tetrachloroethene	7.905	164	42933	5.385	ug/L	97
48) 2-Hexanone	8.085	43	262838	57.154	ug/L	98
49) Dibromochloromethane	8.178	129	43229	5.715	ug/L	93
50) 1,2-Dibromoethane	8.284	107	37414	5.444	ug/L	96
51) Chlorobenzene	8.818	112	147309	5.573	ug/L	98
52) Ethylbenzene	8.950	91	245870	5.378	ug/L	99
53) m,p-Xylene	9.075	106	91986	5.425	ug/L	100
54) o-Xylene	9.480	106	90104	5.515	ug/L	100
55) Styrene	9.500	104	161125	5.840	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	45061	5.636	ug/L	98
59) Bromoform	9.670	173	23845	5.633	ug/L	99
60) Isopropylbenzene	9.870	105	245452	5.425	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	32890	5.308	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	196555	5.330	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	196918	5.364	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	117607	5.441	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	115147	5.310	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	108359	5.497	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	6354	5.019	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	80915	5.112	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	65693	4.679	ug/L	99
71) Naphthalene	13.445	128	107703	4.516	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	59536	4.922	ug/L	98

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

