

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032217.D
 Acq On : 04 Oct 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Quant Time: Oct 05 01:35:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:24:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109718	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44464	4.983	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.532	69	37778	5.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.060	65	18227	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.818	46	98459	43.618	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.240%
24) Chloroform-d	4.249	84	80813	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.947	65	37136	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.960	84	158657	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	5.992	67	48972	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.246	98	142511	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.558	79	17927	4.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.030	63	83409	47.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35572	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	50833	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61989	5.070	ug/L	100
3) Chloromethane	1.214	50	59224	4.805	ug/L	98
5) Vinyl chloride	1.282	62	58119	4.944	ug/L	97
6) Bromomethane	1.487	94	34426	4.848	ug/L	99
8) Chloroethane	1.548	64	35092	4.958	ug/L	98
9) Trichlorofluoromethane	1.712	101	71379	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	43294	5.068	ug/L	97
12) 1,1-Dichloroethene	2.069	96	39860	4.954	ug/L	92
13) Acetone	2.150	43	80557	46.303	ug/L	80
14) Carbon disulfide	2.240	76	134802	4.792	ug/L	100
15) Methyl Acetate	2.391	43	16601	4.239	ug/L	96
16) Methylene chloride	2.445	84	46502	4.433	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	100419	4.584	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	43206	4.688	ug/L	99
19) 1,1-Dichloroethane	3.111	63	83027	4.789	ug/L	99
21) 2-Butanone	3.902	43	118374	43.509	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	46187	4.654	ug/L	98
23) Bromochloromethane	4.150	128	20289	4.860	ug/L	95
25) Chloroform	4.278	83	78682	4.625	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	47132	4.690	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	67948	4.634	ug/L	98
30) Cyclohexane	4.584	56	73622	4.570	ug/L	96
31) Carbon tetrachloride	4.735	117	58873	4.746	ug/L	99
33) Benzene	5.011	78	177986	4.688	ug/L	100
34) Trichloroethene	5.834	95	48074	4.638	ug/L	100
35) Methylcyclohexane	6.050	83	75407	4.701	ug/L	98
37) 1,2-Dichloropropane	6.095	63	44863	4.418	ug/L	99
38) Bromodichloromethane	6.436	83	56928	4.719	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	67524	4.673	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	287127	44.686	ug/L	100
42) Toluene	7.317	91	185962	4.595	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	53695	4.522	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	32499	4.537	ug/L	99
47) Tetrachloroethene	7.905	164	35449	4.510	ug/L	95
48) 2-Hexanone	8.082	43	208923	46.085	ug/L	97
49) Dibromochloromethane	8.178	129	35185	4.718	ug/L	95
50) 1,2-Dibromoethane	8.284	107	30726	4.535	ug/L	96
51) Chlorobenzene	8.815	112	118688	4.555	ug/L	98
52) Ethylbenzene	8.947	91	203932	4.525	ug/L	99
53) m,p-Xylene	9.075	106	76884	4.600	ug/L	99
54) o-Xylene	9.481	106	72197	4.483	ug/L	97
55) Styrene	9.500	104	127950	4.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	35010	4.442	ug/L	98
59) Bromoform	9.670	173	18857	4.651	ug/L	98
60) Isopropylbenzene	9.870	105	200338	4.623	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	26104	4.399	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	159080	4.504	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	160886	4.576	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	93880	4.535	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	93608	4.507	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	86844	4.600	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5003	4.126	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	67356	4.443	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	57777	4.297	ug/L	99
71) Naphthalene	13.442	128	85478	3.742	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	49927	4.309	ug/L	100

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

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