

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032270.D
 Acq On : 05 Oct 2023 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Quant Time: Oct 06 01:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87314	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	91081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32427	4.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	29233	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.060	65	13541	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.809	46	94533	52.625	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.240%
24) Chloroform-d	4.252	84	63830	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.950	65	30921	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.963	84	120710	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.995	67	39569	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.246	98	116896	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.558	79	14615	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.030	63	75699	51.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31750	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	42818	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	51344	5.277	ug/L	97
3) Chloromethane	1.217	50	52195	5.321	ug/L	99
5) Vinyl chloride	1.282	62	50457	5.393	ug/L	98
6) Bromomethane	1.487	94	30163	5.337	ug/L	99
8) Chloroethane	1.548	64	29841	5.298	ug/L	97
9) Trichlorofluoromethane	1.712	101	61135	5.449	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36294	5.339	ug/L	98
12) 1,1-Dichloroethene	2.069	96	33622	5.250	ug/L	89
13) Acetone	2.134	43	64951	46.912	ug/L	97
14) Carbon disulfide	2.243	76	110286	4.927	ug/L	100
15) Methyl Acetate	2.384	43	15456	4.959	ug/L	98
16) Methylene chloride	2.449	84	46987	5.628	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	87598	5.025	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	36933	5.035	ug/L	95
19) 1,1-Dichloroethane	3.114	63	69778	5.057	ug/L	98
21) 2-Butanone	3.889	43	106768	49.312	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	39614	5.016	ug/L	97
23) Bromochloromethane	4.153	128	17702	5.328	ug/L	98
25) Chloroform	4.281	83	70054	5.175	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40301	5.039	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	58319	4.709	ug/L	98
30) Cyclohexane	4.587	56	59444	4.368	ug/L	97
31) Carbon tetrachloride	4.741	117	48481	4.627	ug/L	98
33) Benzene	5.014	78	150597	4.696	ug/L	100
34) Trichloroethene	5.838	95	44503	5.084	ug/L	96
35) Methylcyclohexane	6.053	83	54802	4.045	ug/L	92
37) 1,2-Dichloropropane	6.098	63	38681	4.510	ug/L	100
38) Bromodichloromethane	6.439	83	50396	4.946	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	57694	4.727	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	261683	48.218	ug/L	98
42) Toluene	7.320	91	168094	4.917	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	45782	4.564	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	29482	4.873	ug/L	99
47) Tetrachloroethene	7.908	164	31745	4.782	ug/L	99
48) 2-Hexanone	8.079	43	185486	48.441	ug/L	99
49) Dibromochloromethane	8.182	129	30919	4.909	ug/L	97
50) 1,2-Dibromoethane	8.288	107	28153	4.920	ug/L	97
51) Chlorobenzene	8.818	112	104981	4.770	ug/L	100
52) Ethylbenzene	8.950	91	180529	4.743	ug/L	99
53) m,p-Xylene	9.075	106	67709	4.796	ug/L	97
54) o-Xylene	9.481	106	65191	4.792	ug/L	99
55) Styrene	9.500	104	115026	5.007	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	32618	4.900	ug/L	97
59) Bromoform	9.670	173	15887	4.542	ug/L	98
60) Isopropylbenzene	9.870	105	179370	4.799	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	24404	4.767	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	141354	4.640	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	142906	4.712	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	84851	4.752	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	84117	4.695	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	79146	4.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4732	4.524	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	60117	4.597	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	53711	4.631	ug/L	98
71) Naphthalene	13.442	128	92957	4.718	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	48222	4.825	ug/L	98

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

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