

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032380.D
 Acq On : 11 Oct 2023 09:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: Oct 12 02:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	101775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111082	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	59407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40628	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.532	69	32283	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.059	65	15129	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.805	46	89151	42.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.160%
24) Chloroform-d	4.252	84	68718	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	32423	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.963	84	127578	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.992	67	40124	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.246	98	126512	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.558	79	15478	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.030	63	78538	43.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34491	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	45700	4.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	64626	5.698	ug/L	100
3) Chloromethane	1.217	50	62332	5.452	ug/L	100
5) Vinyl chloride	1.281	62	60398	5.539	ug/L	99
6) Bromomethane	1.487	94	35119	5.331	ug/L	99
8) Chloroethane	1.548	64	36727	5.594	ug/L	98
9) Trichlorofluoromethane	1.712	101	74618	5.706	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46200	5.830	ug/L	98
12) 1,1-Dichloroethene	2.069	96	40324	5.402	ug/L	93
13) Acetone	2.130	43	89850	55.675	ug/L	98
14) Carbon disulfide	2.240	76	126810	4.860	ug/L	99
15) Methyl Acetate	2.384	43	18247	5.022	ug/L	94
16) Methylene chloride	2.449	84	47090	4.839	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	97406	4.793	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	42480	4.969	ug/L	97
19) 1,1-Dichloroethane	3.114	63	84179	5.234	ug/L	98
21) 2-Butanone	3.883	43	125127	49.580	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	45909	4.987	ug/L	96
23) Bromochloromethane	4.149	128	19922	5.144	ug/L	98
25) Chloroform	4.281	83	85662	5.428	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.046	62	48450	5.197	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69820	4.623	ug/L	98
30) Cyclohexane	4.583	56	68305	4.116	ug/L	96
31) Carbon tetrachloride	4.738	117	60311	4.720	ug/L	99
33) Benzene	5.011	78	177697	4.544	ug/L	100
34) Trichloroethene	5.834	95	52362	4.904	ug/L	95
35) Methylcyclohexane	6.053	83	77252	4.676	ug/L	97
37) 1,2-Dichloropropane	6.095	63	50179	4.798	ug/L	100
38) Bromodichloromethane	6.435	83	62388	5.020	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	67439	4.531	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	305393	46.140	ug/L	99
42) Toluene	7.316	91	204093	4.895	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	54344	4.442	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	35923	4.869	ug/L	97
47) Tetrachloroethene	7.908	164	38680	4.777	ug/L	99
48) 2-Hexanone	8.079	43	222877	47.726	ug/L	100
49) Dibromochloromethane	8.181	129	37897	4.934	ug/L	98
50) 1,2-Dibromoethane	8.287	107	34046	4.879	ug/L	92
51) Chlorobenzene	8.818	112	126528	4.714	ug/L	99
52) Ethylbenzene	8.950	91	213056	4.589	ug/L	100
53) m,p-Xylene	9.078	106	83010	4.821	ug/L	97
54) o-Xylene	9.480	106	77136	4.649	ug/L	97
55) Styrene	9.500	104	135689	4.843	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	40639	5.006	ug/L	100
59) Bromoform	9.670	173	20054	4.642	ug/L	95
60) Isopropylbenzene	9.869	105	215637	4.671	ug/L	99
61) 1,2,3-Trichloropropane	10.213	75	29182	4.615	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	167123	4.441	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	170596	4.554	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	103109	4.675	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	104261	4.712	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	95261	4.736	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5850	4.528	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	74403	4.606	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	61697	4.306	ug/L	99
71) Naphthalene	13.442	128	92730	3.810	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	55612	4.505	ug/L	100

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

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