

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032954.D
 Acq On : 14 Nov 2023 00:45
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050328

Quant Time: Nov 14 01:40:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	406356	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	408820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	229127	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	165785	48.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.480%
7) Chloroethane-d5	1.532	69	138433	48.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.220%
11) 1,1-Dichloroethene-d2	2.060	65	71656	47.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
21) 2-Butanone-d5	3.783	46	144309	97.958	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.960%
24) Chloroform-d	4.249	84	302194	50.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.940	65	184263	51.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.000%
32) Benzene-d6	4.960	84	578993	51.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
36) 1,2-Dichloropropane-d6	5.989	67	169071	52.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.340%
41) Toluene-d8	7.243	98	547407	53.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.500%
43) trans-1,3-Dichloroprop...	7.551	79	87669	50.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.900%
47) 2-Hexanone-d5	8.024	63	125390	105.604	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	245915	51.796	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	227763	51.158	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	170713	48.584	ug/L	100
3) Chloromethane	1.214	50	168566	48.551	ug/L	99
5) Vinyl chloride	1.281	62	168896	48.347	ug/L	97
6) Bromomethane	1.484	94	112726	48.677	ug/L	99
8) Chloroethane	1.548	64	107372	48.670	ug/L	97
9) Trichlorofluoromethane	1.716	101	269617	48.608	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	155486	48.389	ug/L	98
12) 1,1-Dichloroethene	2.069	96	141526	49.239	ug/L	94
13) Acetone	2.108	43	125585	63.856	ug/L	100
14) Carbon disulfide	2.243	76	394620	48.212	ug/L	99
15) Methyl Acetate	2.368	43	116206	50.255	ug/L	99
16) Methylene chloride	2.445	84	150525	49.088	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	139994	49.200	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	426482	51.072	ug/L	99
19) 1,1-Dichloroethane	3.111	63	250104	49.201	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	157069	51.258	ug/L	97
22) 2-Butanone	3.863	43	144141	78.686	ug/L	96
23) Bromochloromethane	4.146	128	83804	48.691	ug/L	99
25) Chloroform	4.275	83	279864	49.893	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	208248	49.217	ug/L	100
29) Cyclohexane	4.584	56	203249	51.733	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	250302	49.959	ug/L	100
31) Carbon tetrachloride	4.738	117	223549	49.896	ug/L	98
33) Benzene	5.008	78	564293	50.821	ug/L	100
34) Trichloroethene	5.834	95	151851	50.321	ug/L	98
35) Methylcyclohexane	6.053	83	229989	50.572	ug/L	99
37) 1,2-Dichloropropane	6.092	63	140725	50.750	ug/L	99
38) Bromodichloromethane	6.432	83	204535	49.446	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	235552	51.077	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	316443	107.012	ug/L	100
42) Toluene	7.317	91	632874	52.233	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	225784	50.403	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	156826	50.965	ug/L	99
46) Tetrachloroethene	7.905	164	127035	48.937	ug/L	96
48) 2-Hexanone	8.075	43	235073	91.244	ug/L	100
49) Dibromochloromethane	8.178	129	167008	50.381	ug/L	100
50) 1,2-Dibromoethane	8.281	107	167077	51.012	ug/L	99
51) Chlorobenzene	8.815	112	419468	49.976	ug/L	99
52) Ethylbenzene	8.947	91	698325	52.043	ug/L	99
53) m,p-Xylene	9.072	106	271792	52.679	ug/L	96
54) o-Xylene	9.477	106	261366	52.537	ug/L	99
55) Styrene	9.497	104	464842	52.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	237737	50.220	ug/L	99
59) Bromoform	9.664	173	124472	51.065	ug/L	100
60) Isopropylbenzene	9.866	105	718767	52.992	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	172145	51.326	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	551834	53.632	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	585363	54.409	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	356451	50.387	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	370886	48.884	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	354799	49.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	45006	48.015	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	259422	48.878	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	242057	50.770	ug/L	99
71) Naphthalene	13.439	128	704837	56.256	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	250198	52.143	ug/L	99

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

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