

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034852.D
 Acq On : 27 Mar 2024 01:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050305

Quant Time: Mar 27 01:42:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361477	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179310	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168390	48.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.480%
7) Chloroethane-d5	1.532	69	160066	52.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.580%
11) 1,1-Dichloroethene-d2	2.060	65	73381	47.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.900%
21) 2-Butanone-d5	3.786	46	207819	100.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.370%
24) Chloroform-d	4.246	84	303135	51.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.300%
26) 1,2-Dichloroethane-d4	4.940	65	189446	50.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
32) Benzene-d6	4.960	84	591492	50.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
36) 1,2-Dichloropropane-d6	5.985	67	189447	50.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	7.243	98	537230	50.800	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.551	79	90187	49.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.500%
47) 2-Hexanone-d5	8.024	63	143931	102.091	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.090%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	265500	51.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	203320	50.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	109501	41.796	ug/L	99
3) Chloromethane	1.217	50	166471	49.426	ug/L	100
5) Vinyl chloride	1.285	62	178713	50.614	ug/L	99
6) Bromomethane	1.487	94	143348	54.160	ug/L	99
8) Chloroethane	1.548	64	126980	52.656	ug/L	98
9) Trichlorofluoromethane	1.712	101	224259	48.391	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	118865	41.905	ug/L	99
12) 1,1-Dichloroethene	2.069	96	137036	50.513	ug/L	99
13) Acetone	2.117	43	141952	74.680	ug/L	99
14) Carbon disulfide	2.243	76	377342	49.392	ug/L	99
15) Methyl Acetate	2.371	43	149741	49.990	ug/L	96
16) Methylene chloride	2.445	84	152577	51.905	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	135013	51.475	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	482453	52.369	ug/L	100
19) 1,1-Dichloroethane	3.111	63	278978	51.867	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	159605	53.588	ug/L	93
22) 2-Butanone	3.867	43	193926	87.921	ug/L	99
23) Bromochloromethane	4.146	128	80016	53.696	ug/L	93
25) Chloroform	4.275	83	279959	52.646	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	227974	53.844	ug/L	100
29) Cyclohexane	4.584	56	184932	42.237	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	233768	51.301	ug/L	99
31) Carbon tetrachloride	4.735	117	194635	50.394	ug/L	99
33) Benzene	5.008	78	593471	52.061	ug/L	100
34) Trichloroethene	5.831	95	157446	51.178	ug/L	97
35) Methylcyclohexane	6.050	83	182875	39.360	ug/L	99
37) 1,2-Dichloropropane	6.092	63	162128	51.465	ug/L	99
38) Bromodichloromethane	6.432	83	213016	52.407	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	256416	51.669	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	411994	102.431	ug/L	100
42) Toluene	7.313	91	630815	52.857	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	240768	52.808	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	157070	52.899	ug/L	99
46) Tetrachloroethene	7.905	164	106557	49.577	ug/L	99
48) 2-Hexanone	8.072	43	328047	95.896	ug/L	98
49) Dibromochloromethane	8.175	129	155912	53.016	ug/L	99
50) 1,2-Dibromoethane	8.281	107	166112	51.963	ug/L	97
51) Chlorobenzene	8.812	112	396134	51.213	ug/L	99
52) Ethylbenzene	8.943	91	685286	51.810	ug/L	99
53) m,p-Xylene	9.072	106	254025	52.151	ug/L	99
54) o-Xylene	9.477	106	252050	52.298	ug/L	98
55) Styrene	9.493	104	436970	53.652	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	253110	52.612	ug/L	100
59) Bromoform	9.664	173	109435	53.257	ug/L	99
60) Isopropylbenzene	9.866	105	667356	51.626	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	201863	51.952	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	437245	52.082	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	553333	53.309	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	310183	51.347	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	314539	51.201	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	315181	52.374	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	53808	50.266	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	218343	50.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	202189	50.557	ug/L	98
71) Naphthalene	13.435	128	561197	50.579	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	206512	52.386	ug/L	99

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

