

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035489.D
 Acq On : 01 May 2024 11:44
 Operator : SY/MD
 Sample : VSTD20051
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200251

Quant Time: May 02 00:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	564522	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	561958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	321894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	871701	193.550	ug/L	0.00
7) Chloroethane-d5	1.529	69	542375	201.765	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	366186	196.817	ug/L	0.00
21) 2-Butanone-d5	3.793	46	1241496	501.018	ug/L	0.00
24) Chloroform-d	4.243	84	1591666	205.416	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	945751	209.382	ug/L	0.00
32) Benzene-d6	4.953	84	3209126	214.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	997523	214.321	ug/L	0.00
41) Toluene-d8	7.239	98	3014550	222.596	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	520874	238.225	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	1023541	664.778	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	1480409	219.639	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	1256497	216.454	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	749729	184.026	ug/L	100
3) Chloromethane	1.214	50	768774	184.093	ug/L	99
5) Vinyl chloride	1.281	62	848142	192.475	ug/L	99
6) Bromomethane	1.487	94	529040	201.328	ug/L	100
8) Chloroethane	1.545	64	364442	178.015	ug/L	99
9) Trichlorofluoromethane	1.703	101	1114760	187.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	716480	191.452	ug/L	99
12) 1,1-Dichloroethene	2.063	96	640253	192.338	ug/L	88
13) Acetone	2.130	43	943741	343.779	ug/L	100
14) Carbon disulfide	2.233	76	1672297	183.188	ug/L	99
15) Methyl Acetate	2.375	43	861197	201.363	ug/L	99
16) Methylene chloride	2.442	84	788036	186.799	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	699207	196.158	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	2574760	212.981	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1416685	191.217	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	859073	212.028	ug/L	99
22) 2-Butanone	3.873	43	1296071	418.143	ug/L	97
23) Bromochloromethane	4.140	128	442699	196.083	ug/L	99
25) Chloroform	4.268	83	1470005	191.717	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1081383	193.185	ug/L	100
29) Cyclohexane	4.577	56	1103424	216.828	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	1260866	197.438	ug/L	99
31) Carbon tetrachloride	4.728	117	1096668	196.571	ug/L	100
33) Benzene	5.005	78	2996267	199.110	ug/L	100
34) Trichloroethene	5.828	95	816489	201.594	ug/L	99
35) Methylcyclohexane	6.047	83	1253553	215.268	ug/L	99
37) 1,2-Dichloropropane	6.088	63	842630	200.999	ug/L	99
38) Bromodichloromethane	6.426	83	1142476	201.471	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1452707	230.496	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	2383887	465.927	ug/L	98
42) Toluene	7.310	91	3246037	206.681	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	1361383	227.194	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	874824	198.487	ug/L	99
46) Tetrachloroethene	7.902	164	645562	202.816	ug/L	100
48) 2-Hexanone	8.079	43	1837229	425.189	ug/L	98
49) Dibromochloromethane	8.175	129	949923	210.421	ug/L	100
50) 1,2-Dibromoethane	8.278	107	937625	208.995	ug/L	100
51) Chlorobenzene	8.808	112	2218754	200.545	ug/L	100
52) Ethylbenzene	8.944	91	3708788	216.523	ug/L	99
53) m,p-Xylene	9.069	106	1417740	219.185	ug/L	96
54) o-Xylene	9.474	106	1427640	224.449	ug/L	99
55) Styrene	9.493	104	2511866	229.170	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	1475954	203.787	ug/L	99
59) Bromoform	9.664	173	835847	212.923	ug/L	99
60) Isopropylbenzene	9.863	105	3833055	206.810	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	1155176	188.059	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	3260055	219.235	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	3314503	227.231	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1922389	201.387	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	1940309	193.316	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1918953	195.852	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	341072	232.114	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	1486867	216.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1333497	239.912	ug/L	100
71) Naphthalene	13.435	128	3762534	292.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	1307459	238.873	ug/L	100

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

