

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036672.D
 Acq On : 24 Jul 2024 18:36
 Operator : SY/MD
 Sample : VSTD20037
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200237

Quant Time: Jul 25 02:29:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	386589	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	400395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	250784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	559302	187.613	ug/L	0.00
7) Chloroethane-d5	1.513	69	471065	261.780	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.047	65	264443	210.642	ug/L	0.00
21) 2-Butanone-d5	3.770	46	663759	431.791	ug/L	0.00
24) Chloroform-d	4.236	84	1154435	221.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	703948	231.025	ug/L	0.00
32) Benzene-d6	4.950	84	2172962	211.237	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	615857	196.602	ug/L	0.00
41) Toluene-d8	7.236	98	2219544	235.293	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	372424	248.281	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	595520	623.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	994255	220.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	1048296	237.059	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	710551	241.139	ug/L	100
3) Chloromethane	1.211	50	510748	182.317	ug/L	99
5) Vinyl chloride	1.278	62	652556	215.134	ug/L	99
6) Bromomethane	1.465	94	270234	139.322	ug/L	99
8) Chloroethane	1.529	64	431505	301.293	ug/L	100
9) Trichlorofluoromethane	1.700	101	1130031	259.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	665269	247.652	ug/L	99
12) 1,1-Dichloroethene	2.060	96	616426	256.380	ug/L	94
13) Acetone	2.105	43	502574	287.825	ug/L	100
14) Carbon disulfide	2.230	76	1570513	240.021	ug/L	100
15) Methyl Acetate	2.365	43	476585	174.183	ug/L	99
16) Methylene chloride	2.436	84	606953	209.383	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	611943	243.334	ug/L	99
18) Methyl tert-butyl Ether	2.696	73	1821816	225.059	ug/L	99
19) 1,1-Dichloroethane	3.101	63	971841	196.234	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	700327	250.261	ug/L	98
22) 2-Butanone	3.851	43	699646	357.284	ug/L	97
23) Bromochloromethane	4.134	128	395204	247.177	ug/L	99
25) Chloroform	4.265	83	1163895	220.428	ug/L	100
27) 1,2-Dichloroethane	5.031	62	878564	227.123	ug/L	100
29) Cyclohexane	4.574	56	781113	220.222	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1072400	231.025	ug/L	99
31) Carbon tetrachloride	4.725	117	1003475	243.770	ug/L	98
33) Benzene	4.998	78	2307492	216.394	ug/L	100
34) Trichloroethene	5.825	95	751052	247.856	ug/L	99
35) Methylcyclohexane	6.043	83	1025418	244.446	ug/L	99
37) 1,2-Dichloropropane	6.085	63	563025	194.969	ug/L	98
38) Bromodichloromethane	6.423	83	894976	220.473	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1040161	236.500	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	1396266	411.881	ug/L	99
42) Toluene	7.310	91	2699121	238.799	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1036391	246.110	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	688681	219.606	ug/L	99
46) Tetrachloroethene	7.899	164	644968	268.717	ug/L	99
48) 2-Hexanone	8.069	43	1095201	383.953	ug/L	97
49) Dibromochloromethane	8.172	129	827587	251.506	ug/L	97
50) 1,2-Dibromoethane	8.275	107	800786	246.647	ug/L	100
51) Chlorobenzene	8.809	112	1912373	238.536	ug/L	99
52) Ethylbenzene	8.940	91	3095359	251.749	ug/L	99
53) m,p-Xylene	9.069	106	1247199	265.544	ug/L	98
54) o-Xylene	9.474	106	1222750	266.564	ug/L	99
55) Styrene	9.490	104	2139044	270.270	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	978994	202.003	ug/L	99
59) Bromoform	9.657	173	754909	247.113	ug/L	100
60) Isopropylbenzene	9.863	105	3290802	229.609	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	845785	183.943	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	2796128	243.689	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2817196	250.181	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	1737320	231.182	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1779906	225.260	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1756151	229.305	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	290101	264.965	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	1430299	265.862	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1355104	310.140	ug/L	100
71) Naphthalene	13.432	128	3851081	373.844	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	1360702	310.606	ug/L	100

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

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