

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033557.D
 Acq On : 10 Jan 2024 12:58
 Operator : SY/MD
 Sample : VSTD05025
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050225

Quant Time: Jan 11 00:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	359197	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	336087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	145487	52.489	ug/L	0.00
7) Chloroethane-d5	1.532	69	110067	45.661	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	59694	44.478	ug/L	0.00
21) 2-Butanone-d5	3.783	46	188060	127.482	ug/L	0.00
24) Chloroform-d	4.253	84	242712	45.817	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	157243	47.954	ug/L	0.00
32) Benzene-d6	4.960	84	486765	53.629	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	160090	56.931	ug/L	0.00
41) Toluene-d8	7.243	98	442122	53.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79649	57.853	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	134022	135.081	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	198585	50.675	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	166458	50.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	140323	48.215	ug/L	100
3) Chloromethane	1.217	50	163751	57.677	ug/L	100
5) Vinyl chloride	1.285	62	157409	52.998	ug/L	100
6) Bromomethane	1.487	94	83386	41.037	ug/L	100
8) Chloroethane	1.548	64	94940	48.827	ug/L	100
9) Trichlorofluoromethane	1.716	101	190016	39.160	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	111263	39.220	ug/L	100
12) 1,1-Dichloroethene	2.073	96	106152	43.354	ug/L	100
13) Acetone	2.111	43	190347	115.553	ug/L	100
14) Carbon disulfide	2.243	76	363323	54.688	ug/L	100
15) Methyl Acetate	2.372	43	152152	62.134	ug/L	# 100
16) Methylene chloride	2.449	84	128195	45.937	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	117823	49.628	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	432119	57.658	ug/L	100
19) 1,1-Dichloroethane	3.114	63	247474	53.410	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	132869	49.312	ug/L	100
22) 2-Butanone	3.863	43	229170	133.073	ug/L	100
23) Bromochloromethane	4.150	128	64391	44.490	ug/L	100
25) Chloroform	4.278	83	232941	46.123	ug/L	100
27) 1,2-Dichloroethane	5.040	62	193677	49.309	ug/L	100
29) Cyclohexane	4.587	56	239377	71.234	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	204203	49.474	ug/L	100
31) Carbon tetrachloride	4.738	117	174589	47.748	ug/L	100
33) Benzene	5.011	78	505298	55.476	ug/L	100
34) Trichloroethene	5.834	95	134651	53.829	ug/L	100
35) Methylcyclohexane	6.050	83	227784	61.406	ug/L	100
37) 1,2-Dichloropropane	6.092	63	140956	56.544	ug/L	100
38) Bromodichloromethane	6.433	83	179507	51.103	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	224819	61.107	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	419676	147.066	ug/L	100
42) Toluene	7.314	91	528804	55.391	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	219692	59.398	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	127052	50.468	ug/L	100
46) Tetrachloroethene	7.905	164	97753	50.844	ug/L	100
48) 2-Hexanone	8.072	43	338793	142.603	ug/L	100
49) Dibromochloromethane	8.175	129	128959	48.780	ug/L	100
50) 1,2-Dibromoethane	8.281	107	134093	51.575	ug/L	100
51) Chlorobenzene	8.815	112	338797	49.723	ug/L	100
52) Ethylbenzene	8.947	91	610091	56.614	ug/L	100
53) m,p-Xylene	9.072	106	229364	57.019	ug/L	100
54) o-Xylene	9.477	106	223504	56.837	ug/L	100
55) Styrene	9.497	104	390709	57.090	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	196847	50.892	ug/L	100
59) Bromoform	9.664	173	96618	52.493	ug/L	100
60) Isopropylbenzene	9.866	105	608765	59.226	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	159685	55.468	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	516718	64.513	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	521548	63.387	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	270942	51.884	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	270056	48.520	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	264743	49.159	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	47830	59.595	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	202495	54.800	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	182561	55.972	ug/L	100
71) Naphthalene	13.439	128	486555	55.673	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	174895	56.008	ug/L	100

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

