

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033075.D
 Acq On : 01 Dec 2023 13:24
 Operator : SY/MD
 Sample : VSTD05013
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050213

Quant Time: Dec 04 03:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 03:53:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	336779	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	336958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	205028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101481	50.406	ug/L	0.00
7) Chloroethane-d5	1.532	69	69202	49.332	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	38331	50.047	ug/L	0.00
21) 2-Butanone-d5	3.783	46	102450	105.035	ug/L	0.00
24) Chloroform-d	4.249	84	219001	51.258	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	137939	51.928	ug/L	0.00
32) Benzene-d6	4.960	84	411020	52.155	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	109746	51.793	ug/L	0.00
41) Toluene-d8	7.243	98	397561	52.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	70745	52.799	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	89106	106.783	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	154579	51.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	185360	50.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	181130	49.204	ug/L	100
3) Chloromethane	1.217	50	118092	48.639	ug/L	100
5) Vinyl chloride	1.285	62	110627	47.510	ug/L	100
6) Bromomethane	1.487	94	73954	48.673	ug/L	100
8) Chloroethane	1.548	64	59135	47.701	ug/L	100
9) Trichlorofluoromethane	1.716	101	193894	50.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	90436	50.122	ug/L	100
12) 1,1-Dichloroethene	2.072	96	84879	50.271	ug/L	100
13) Acetone	2.111	43	93722	98.178	ug/L	100
14) Carbon disulfide	2.243	76	301372	49.750	ug/L	100
15) Methyl Acetate	2.371	43	80505	50.599	ug/L	100
16) Methylene chloride	2.449	84	109832	49.125	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	111550	50.319	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	341800	50.754	ug/L	100
19) 1,1-Dichloroethane	3.114	63	181250	49.399	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	121614	51.701	ug/L	100
22) 2-Butanone	3.863	43	122931	105.098	ug/L	100
23) Bromochloromethane	4.146	128	66360	49.391	ug/L	100
25) Chloroform	4.278	83	214788	50.900	ug/L	100
27) 1,2-Dichloroethane	5.040	62	168623	50.569	ug/L	100
29) Cyclohexane	4.584	56	158260	50.850	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	211217	50.720	ug/L	100
31) Carbon tetrachloride	4.738	117	195842	50.578	ug/L	100
33) Benzene	5.011	78	438863	51.396	ug/L	100
34) Trichloroethene	5.834	95	127525	49.990	ug/L	100
35) Methylcyclohexane	6.050	83	191375	51.690	ug/L	100
37) 1,2-Dichloropropane	6.095	63	102169	51.701	ug/L	100
38) Bromodichloromethane	6.432	83	159702	50.129	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	181442	50.600	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	220356	105.021	ug/L	100
42) Toluene	7.317	91	495140	51.459	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	189291	52.204	ug/L	100

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45) 1,1,2-Trichloroethane	7.767	97	114460	49.954	ug/L	100
46) Tetrachloroethene	7.905	164	110146	50.228	ug/L	100
48) 2-Hexanone	8.072	43	181670	108.225	ug/L	100
49) Dibromochloromethane	8.178	129	138374	50.589	ug/L	100
50) 1,2-Dibromoethane	8.281	107	124071	50.790	ug/L	100
51) Chlorobenzene	8.815	112	341471	50.466	ug/L	100
52) Ethylbenzene	8.947	91	567279	51.220	ug/L	100
53) m,p-Xylene	9.072	106	225411	51.393	ug/L	100
54) o-Xylene	9.477	106	220415	50.928	ug/L	100
55) Styrene	9.497	104	391675	52.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	154138	49.237	ug/L	100
59) Bromoform	9.664	173	112571	50.589	ug/L	100
60) Isopropylbenzene	9.866	105	616122	52.117	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	124540	48.714	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	497634	52.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	518509	52.272	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	316665	50.139	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	323875	49.367	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	308375	49.805	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	38012	48.456	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	248453	49.112	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	233849	50.033	ug/L	100
71) Naphthalene	13.438	128	579307	50.823	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	232575	51.569	ug/L	100

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

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