

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033225.D
 Acq On : 11 Dec 2023 20:00
 Operator : SY/MD
 Sample : 05685-14MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MS

Quant Time: Dec 12 00:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	279644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62492	37.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.760%
7) Chloroethane-d5	1.529	69	49750	42.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.420%
11) 1,1-Dichloroethene-d2	2.060	65	25930	40.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.540%
21) 2-Butanone-d5	3.780	46	87009	104.791	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.790%
24) Chloroform-d	4.249	84	170817	48.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
26) 1,2-Dichloroethane-d4	4.941	65	107815	48.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
32) Benzene-d6	4.960	84	305173	45.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
36) 1,2-Dichloropropane-d6	5.989	67	82277	46.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	7.243	98	292518	46.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.551	79	50614	44.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.680%
47) 2-Hexanone-d5	8.024	63	77427	107.978	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	137078	54.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	148747	47.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	144284	47.203	ug/L	99
3) Chloromethane	1.214	50	96862	48.046	ug/L	100
5) Vinyl chloride	1.282	62	93930	48.581	ug/L	99
6) Bromomethane	1.484	94	64015	50.739	ug/L	98
8) Chloroethane	1.548	64	52457	50.960	ug/L	97
9) Trichlorofluoromethane	1.712	101	170810	53.538	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80531	53.752	ug/L	99
12) 1,1-Dichloroethene	2.069	96	76404	54.497	ug/L	94
13) Acetone	2.108	43	58463	73.756	ug/L	99
14) Carbon disulfide	2.240	76	228397	45.407	ug/L	99
15) Methyl Acetate	2.368	43	62393	47.227	ug/L	91
16) Methylene chloride	2.445	84	94077	50.675	ug/L	91
17) trans-1,2-Dichloroethene	2.693	96	91687	49.809	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	290062	51.872	ug/L	99
19) 1,1-Dichloroethane	3.111	63	153404	50.352	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	102072	52.259	ug/L	98
22) 2-Butanone	3.860	43	91175	90.385	ug/L	100
23) Bromochloromethane	4.146	128	56731	50.584	ug/L	96
25) Chloroform	4.275	83	186716	53.288	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033225.D
 Acq On : 11 Dec 2023 20:00
 Operator : SY/MD
 Sample : 05685-14MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MS

Quant Time: Dec 12 00:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	146898	53.054	ug/L	98
29) Cyclohexane	4.584	56	121987	46.530	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	183787	52.392	ug/L	98
31) Carbon tetrachloride	4.738	117	171603	52.611	ug/L	99
33) Benzene	5.008	78	371705	51.677	ug/L	100
34) Trichloroethene	5.831	95	103749	48.281	ug/L	97
35) Methylcyclohexane	6.050	83	153023	49.066	ug/L	98
37) 1,2-Dichloropropane	6.092	63	85522	51.375	ug/L	100
38) Bromodichloromethane	6.432	83	142404	53.063	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	154219	51.056	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	193132	109.271	ug/L	98
42) Toluene	7.313	91	430679	53.135	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	157159	51.453	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	102427	53.068	ug/L	99
46) Tetrachloroethene	7.905	164	95208	51.540	ug/L	96
48) 2-Hexanone	8.072	43	153259	104.585	ug/L	99
49) Dibromochloromethane	8.175	129	123986	53.811	ug/L	100
50) 1,2-Dibromoethane	8.281	107	109990	53.451	ug/L	98
51) Chlorobenzene	8.812	112	292292	51.281	ug/L	100
52) Ethylbenzene	8.947	91	486506	52.147	ug/L	99
53) m,p-Xylene	9.072	106	195152	52.820	ug/L	92
54) o-Xylene	9.477	106	189928	52.095	ug/L	100
55) Styrene	9.493	104	340356	53.966	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	146543	55.571	ug/L	97
59) Bromoform	9.664	173	102023	53.416	ug/L	99
60) Isopropylbenzene	9.866	105	523415	51.584	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	117185	53.403	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	414350	50.684	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	438176	51.465	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	271513	50.086	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	275923	49.000	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	271477	51.083	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	36371	54.018	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	203892	46.956	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	183041	45.627	ug/L	98
71) Naphthalene	13.439	128	481278	49.193	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	192548	49.741	ug/L	99

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

