

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011124\
 Data File : VW033581.D
 Acq On : 11 Jan 2024 13:56
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Jan 11 20:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 20:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297985	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	101719	44.416	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.840%
7) Chloroethane-d5	1.529	69	87720	48.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.740%
11) 1,1-Dichloroethene-d2	2.060	65	44920	45.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.160%
21) 2-Butanone-d5	3.780	46	157782	100.445	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	4.246	84	202967	49.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	4.937	65	134817	50.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
32) Benzene-d6	4.957	84	391251	48.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
36) 1,2-Dichloropropane-d6	5.985	67	129647	49.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.300%
41) Toluene-d8	7.239	98	348990	48.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	7.548	79	67178	51.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.060%
47) 2-Hexanone-d5	8.021	63	110127	100.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162299	48.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	134938	49.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	104693	42.232	ug/L	100
3) Chloromethane	1.214	50	138734	49.215	ug/L	99
5) Vinyl chloride	1.285	62	123076	45.639	ug/L	100
6) Bromomethane	1.484	94	74054	52.543	ug/L	100
8) Chloroethane	1.548	64	80736	50.207	ug/L	99
9) Trichlorofluoromethane	1.712	101	149095	46.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87825	46.323	ug/L	100
12) 1,1-Dichloroethene	2.069	96	85504	47.811	ug/L	99
13) Acetone	2.108	43	141237	94.039	ug/L	100
14) Carbon disulfide	2.240	76	286169	47.081	ug/L	100
15) Methyl Acetate	2.368	43	133376	54.307	ug/L #	100
16) Methylene chloride	2.445	84	113542	52.043	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	97787	48.950	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	389082	54.154	ug/L	100
19) 1,1-Dichloroethane	3.108	63	214743	52.580	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	116929	52.592	ug/L	98
22) 2-Butanone	3.860	43	181522	99.512	ug/L	95
23) Bromochloromethane	4.143	128	56714	52.508	ug/L	97
25) Chloroform	4.272	83	203311	52.505	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	176551	54.587	ug/L	99
29) Cyclohexane	4.580	56	182818	46.007	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	165733	48.996	ug/L	99
31) Carbon tetrachloride	4.731	117	137936	47.774	ug/L	100
33) Benzene	5.005	78	426582	51.527	ug/L	100
34) Trichloroethene	5.831	95	111538	50.224	ug/L	99
35) Methylcyclohexane	6.047	83	172912	45.496	ug/L	100
37) 1,2-Dichloropropane	6.088	63	121882	53.500	ug/L	100
38) Bromodichloromethane	6.429	83	159794	53.617	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	202996	53.359	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	356904	105.728	ug/L	100
42) Toluene	7.313	91	445171	50.868	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	189345	54.009	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	111112	53.753	ug/L	99
46) Tetrachloroethene	7.902	164	77039	47.295	ug/L	100
48) 2-Hexanone	8.072	43	271299	100.863	ug/L	98
49) Dibromochloromethane	8.175	129	114894	53.368	ug/L	98
50) 1,2-Dibromoethane	8.278	107	116301	53.241	ug/L	100
51) Chlorobenzene	8.812	112	284823	51.093	ug/L	98
52) Ethylbenzene	8.944	91	497588	49.089	ug/L	99
53) m,p-Xylene	9.072	106	184971	49.429	ug/L	99
54) o-Xylene	9.477	106	185692	50.123	ug/L	98
55) Styrene	9.493	104	322790	50.466	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	168727	51.290	ug/L	99
59) Bromoform	9.664	173	82505	53.882	ug/L	97
60) Isopropylbenzene	9.866	105	485706	49.828	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	138652	54.227	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	414136	49.517	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	420060	50.407	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	219390	49.828	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	222878	50.484	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	224306	52.138	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	38980	52.830	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	162521	49.951	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	148934	50.433	ug/L	99
71) Naphthalene	13.438	128	374600	48.544	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	135774	49.258	ug/L	100

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

