

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120523\
 Data File : VW033106.D
 Acq On : 05 Dec 2023 15:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050347

Quant Time: Dec 06 01:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	322410	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74596	38.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.400%
7) Chloroethane-d5	1.529	69	59388	44.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.440%
11) 1,1-Dichloroethene-d2	2.060	65	29601	40.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.740%
21) 2-Butanone-d5	3.773	46	99132	103.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.560%
24) Chloroform-d	4.243	84	197909	48.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
26) 1,2-Dichloroethane-d4	4.937	65	126730	49.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	4.957	84	343384	45.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
36) 1,2-Dichloropropane-d6	5.985	67	102615	50.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	7.239	98	319837	44.768	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.540%
43) trans-1,3-Dichloroprop...	7.548	79	58895	46.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
47) 2-Hexanone-d5	8.021	63	82349	101.795	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	153091	53.481	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	153433	46.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	137327	38.967	ug/L	99
3) Chloromethane	1.214	50	117270	50.453	ug/L	99
5) Vinyl chloride	1.281	62	97587	43.777	ug/L	95
6) Bromomethane	1.484	94	72474	49.825	ug/L	97
8) Chloroethane	1.548	64	56236	47.385	ug/L	96
9) Trichlorofluoromethane	1.712	101	151044	41.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	73010	42.268	ug/L	99
12) 1,1-Dichloroethene	2.069	96	73410	45.416	ug/L	94
13) Acetone	2.108	43	68137	74.558	ug/L	97
14) Carbon disulfide	2.240	76	245143	42.272	ug/L	99
15) Methyl Acetate	2.365	43	79852	52.425	ug/L	100
16) Methylene chloride	2.445	84	109632	51.221	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	100623	47.413	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	339128	52.602	ug/L	99
19) 1,1-Dichloroethane	3.108	63	172423	49.087	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	115288	51.196	ug/L	97
22) 2-Butanone	3.854	43	97608	83.927	ug/L	99
23) Bromochloromethane	4.140	128	65274	50.482	ug/L	99
25) Chloroform	4.268	83	203740	50.434	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	163921	51.350	ug/L	99
29) Cyclohexane	4.580	56	116592	39.420	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	179977	45.477	ug/L	99
31) Carbon tetrachloride	4.731	117	156743	42.596	ug/L	99
33) Benzene	5.005	78	397784	49.020	ug/L	100
34) Trichloroethene	5.828	95	107544	44.361	ug/L	98
35) Methylcyclohexane	6.050	83	142242	40.427	ug/L	100
37) 1,2-Dichloropropane	6.088	63	94391	50.262	ug/L	99
38) Bromodichloromethane	6.429	83	154742	51.110	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	175375	51.464	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	205578	103.099	ug/L	99
42) Toluene	7.313	91	439614	48.076	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	177081	51.389	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	112636	51.727	ug/L	99
46) Tetrachloroethene	7.902	164	90513	43.432	ug/L	97
48) 2-Hexanone	8.069	43	150137	90.815	ug/L	98
49) Dibromochloromethane	8.175	129	134649	51.800	ug/L	100
50) 1,2-Dibromoethane	8.278	107	118789	51.169	ug/L	99
51) Chlorobenzene	8.812	112	298954	46.491	ug/L	99
52) Ethylbenzene	8.944	91	470684	44.719	ug/L	99
53) m,p-Xylene	9.072	106	187182	44.907	ug/L	94
54) o-Xylene	9.477	106	188709	45.881	ug/L	98
55) Styrene	9.493	104	340622	47.872	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	155380	52.228	ug/L	99
59) Bromoform	9.664	173	106477	52.635	ug/L	98
60) Isopropylbenzene	9.866	105	485216	45.148	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	118993	51.198	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	397571	45.915	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	419519	46.522	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	266276	46.376	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	270804	45.405	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	265498	47.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	35113	49.236	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	199280	43.330	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	189688	44.643	ug/L	100
71) Naphthalene	13.439	128	472215	45.570	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	188207	45.904	ug/L	99

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

