

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033108.D
 Acq On : 06 Dec 2023 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Quant Time: Dec 07 03:42:46 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	5.532	114	337891	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	338900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	213530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91193	45.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.300%
7) Chloroethane-d5	1.532	69	68496	48.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.060	65	35891	46.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
21) 2-Butanone-d5	3.780	46	112132	111.769	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.770%
24) Chloroform-d	4.246	84	221267	51.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.240%
26) 1,2-Dichloroethane-d4	4.937	65	137193	51.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
32) Benzene-d6	4.960	84	396255	49.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
36) 1,2-Dichloropropane-d6	5.986	67	108960	51.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	7.243	98	383319	50.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.551	79	65788	48.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
47) 2-Hexanone-d5	8.021	63	95199	111.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.190%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	170579	56.306	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.620%
66) 1,2-Dichlorobenzene-d4	11.561	152	192397	50.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	187670	50.813	ug/L	100
3) Chloromethane	1.217	50	119783	49.173	ug/L	100
5) Vinyl chloride	1.285	62	115925	49.621	ug/L	98
6) Bromomethane	1.487	94	77405	50.776	ug/L	96
8) Chloroethane	1.548	64	62081	49.913	ug/L	97
9) Trichlorofluoromethane	1.716	101	201056	52.155	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	97620	53.926	ug/L	99
12) 1,1-Dichloroethene	2.073	96	89754	52.983	ug/L	94
13) Acetone	2.108	43	99889	104.294	ug/L	99
14) Carbon disulfide	2.243	76	294909	48.523	ug/L	100
15) Methyl Acetate	2.372	43	80076	50.163	ug/L	99
16) Methylene chloride	2.449	84	113072	50.408	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	111404	50.088	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	346065	51.219	ug/L	99
19) 1,1-Dichloroethane	3.111	63	181620	49.337	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	122358	51.846	ug/L	98
22) 2-Butanone	3.860	43	125050	102.597	ug/L	98
23) Bromochloromethane	4.146	128	67820	50.048	ug/L	99
25) Chloroform	4.272	83	219338	51.807	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	176000	52.607	ug/L	98
29) Cyclohexane	4.584	56	156000	49.837	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	212270	50.681	ug/L	99
31) Carbon tetrachloride	4.732	117	203407	52.231	ug/L	99
33) Benzene	5.008	78	441695	51.432	ug/L	100
34) Trichloroethene	5.831	95	126531	49.317	ug/L	95
35) Methylcyclohexane	6.050	83	196091	52.660	ug/L	99
37) 1,2-Dichloropropane	6.092	63	101708	51.173	ug/L	100
38) Bromodichloromethane	6.429	83	165883	51.770	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	190403	52.794	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	215324	102.035	ug/L	100
42) Toluene	7.313	91	506253	52.312	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	191646	52.551	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	116893	50.724	ug/L	99
46) Tetrachloroethene	7.902	164	116804	52.959	ug/L	96
48) 2-Hexanone	8.072	43	185885	106.242	ug/L	99
49) Dibromochloromethane	8.175	129	142614	51.840	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124195	50.549	ug/L	98
51) Chlorobenzene	8.812	112	344966	50.690	ug/L	99
52) Ethylbenzene	8.944	91	585340	52.548	ug/L	99
53) m,p-Xylene	9.072	106	231281	52.429	ug/L	96
54) o-Xylene	9.477	106	229200	52.654	ug/L	98
55) Styrene	9.493	104	406370	53.965	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	165125	52.445	ug/L	98
59) Bromoform	9.664	173	114008	49.194	ug/L	98
60) Isopropylbenzene	9.866	105	626478	50.883	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	129163	48.510	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	505573	50.967	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	535874	51.872	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	328792	49.986	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	336531	49.253	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	324529	50.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	38948	47.673	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	259185	49.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	241082	49.527	ug/L	99
71) Naphthalene	13.439	128	545183	45.925	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	232870	49.579	ug/L	98

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

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