

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033072.D
 Acq On : 01 Dec 2023 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Quant Time: Dec 01 11:06:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 27 00:54:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	282612	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285399	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	187233	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45170	30.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.140%
7) Chloroethane-d5	1.529	69	38823	34.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.320%#
11) 1,1-Dichloroethene-d2	2.060	65	19837	32.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.620%
21) 2-Butanone-d5	3.780	46	88215	93.832	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.830%
24) Chloroform-d	4.246	84	156763	43.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
26) 1,2-Dichloroethane-d4	4.940	65	96318	42.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
32) Benzene-d6	4.957	84	257984	38.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.640%
36) 1,2-Dichloropropane-d6	5.985	67	75443	40.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.060%
41) Toluene-d8	7.243	98	247103	38.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.900%#
43) trans-1,3-Dichloroprop...	7.551	79	46445	42.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.420%
47) 2-Hexanone-d5	8.021	63	73565	94.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.330%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	127581	44.472	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	137373	41.144	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	132471	43.387	ug/L	98
3) Chloromethane	1.214	50	85100	37.348	ug/L	99
5) Vinyl chloride	1.285	62	85679	40.535	ug/L	98
6) Bromomethane	1.484	94	57367	41.073	ug/L	98
8) Chloroethane	1.548	64	48020	41.074	ug/L	98
9) Trichlorofluoromethane	1.712	101	162537	47.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	81289	48.176	ug/L	97
12) 1,1-Dichloroethene	2.069	96	68696	44.094	ug/L	89
13) Acetone	2.108	43	73840	80.273	ug/L	98
14) Carbon disulfide	2.240	76	180922	34.917	ug/L	98
15) Methyl Acetate	2.368	43	69903	43.347	ug/L	100
16) Methylene chloride	2.445	84	94693	42.901	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	91357	45.820	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	323426	51.712	ug/L	100
19) 1,1-Dichloroethane	3.111	63	165750	46.538	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	109226	48.860	ug/L	97
22) 2-Butanone	3.857	43	102707	86.233	ug/L	97
23) Bromochloromethane	4.146	128	59215	48.158	ug/L	96
25) Chloroform	4.272	83	199065	49.658	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	156945	50.187	ug/L	98
29) Cyclohexane	4.580	56	119983	43.574	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	189755	50.905	ug/L	99
31) Carbon tetrachloride	4.735	117	174275	50.169	ug/L	100
33) Benzene	5.008	78	375149	47.257	ug/L	100
34) Trichloroethene	5.831	95	113101	50.546	ug/L	98
35) Methylcyclohexane	6.050	83	147788	45.442	ug/L	99
37) 1,2-Dichloropropane	6.092	63	93732	48.105	ug/L	99
38) Bromodichloromethane	6.429	83	154966	51.186	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	162722	48.509	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	203513	95.487	ug/L	97
42) Toluene	7.313	91	434035	49.344	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	172513	51.179	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	110336	50.281	ug/L	98
46) Tetrachloroethene	7.905	164	95045	48.743	ug/L	97
48) 2-Hexanone	8.072	43	159818	94.783	ug/L	98
49) Dibromochloromethane	8.175	129	133758	52.887	ug/L	98
50) 1,2-Dibromoethane	8.281	107	113006	49.171	ug/L	98
51) Chlorobenzene	8.812	112	310057	49.674	ug/L	99
52) Ethylbenzene	8.947	91	509316	50.439	ug/L	99
53) m,p-Xylene	9.072	106	206652	52.089	ug/L	99
54) o-Xylene	9.477	106	198901	52.083	ug/L	100
55) Styrene	9.497	104	366027	53.730	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	147367	47.539	ug/L	98
59) Bromoform	9.664	173	111304	51.009	ug/L	98
60) Isopropylbenzene	9.866	105	564679	49.749	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	121711	45.061	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	458597	50.358	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	484259	50.760	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	303261	49.869	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	312413	48.331	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	302520	49.577	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	36020	45.841	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	250284	52.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	237217	54.750	ug/L	99
71) Naphthalene	13.439	128	590366	55.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	235530	56.068	ug/L	100

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

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