

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029511.D
 Acq On : 09 Dec 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050379

Quant Time: Dec 09 23:44:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	549808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	490753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	260370	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	169425	50.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.640%			
7) Chloroethane-d5	1.561	69	136418	53.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.280%			
11) 1,1-Dichloroethene-d2	2.105	63	283433	53.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.940%			
21) 2-Butanone-d5	3.863	46	217984	106.135	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.140%			
24) Chloroform-d	4.333	84	309373	48.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.660%			
26) 1,2-Dichloroethane-d4	5.018	65	173517	47.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.900%			
32) Benzene-d6	5.037	84	656831	50.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.300%			
36) 1,2-Dichloropropane-d6	6.056	67	191404	48.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.640%			
41) Toluene-d8	7.304	98	605485	49.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.120%			
43) trans-1,3-Dichloroprop...	7.609	79	84498	42.247	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.500%			
47) 2-Hexanone-d5	8.079	63	187150	110.647	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.650%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	258585	45.685	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.380%			
66) 1,2-Dichlorobenzene-d4	11.612	152	231066	46.619	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	210882	48.694	ug/L	99
3) Chloromethane	1.240	50	208230	42.172	ug/L	99
5) Vinyl chloride	1.307	62	202632	49.049	ug/L	99
6) Bromomethane	1.516	94	92189	55.459	ug/L	100
8) Chloroethane	1.577	64	119821	52.088	ug/L	99
9) Trichlorofluoromethane	1.748	101	264932	51.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	155063	53.960	ug/L	99
12) 1,1-Dichloroethene	2.114	96	153162	52.116	ug/L	99
13) Acetone	2.156	43	151207	113.013	ug/L	98
14) Carbon disulfide	2.288	76	475900	48.656	ug/L	100
15) Methyl Acetate	2.420	43	166683	54.680	ug/L	98
16) Methylene chloride	2.500	84	185288	50.707	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	173468	51.227	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	544534	52.486	ug/L	100
19) 1,1-Dichloroethane	3.179	63	299351	51.602	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	192842	51.790	ug/L	97
22) 2-Butanone	3.947	43	231212	108.604	ug/L	98
23) Bromochloromethane	4.233	128	97694	50.952	ug/L	96
25) Chloroform	4.362	83	307540	51.137	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	217692	51.241	ug/L	99
29) Cyclohexane	4.664	56	284493	53.515	ug/L	99
30) 1,1,1-Trichloroethane	4.593	97	274356	51.313	ug/L	99
31) Carbon tetrachloride	4.815	117	234283	50.178	ug/L	99
33) Benzene	5.088	78	723381	52.294	ug/L	100
34) Trichloroethene	5.902	95	181102	52.246	ug/L	99
35) Methylcyclohexane	6.121	83	321761	54.654	ug/L	99
37) 1,2-Dichloropropane	6.162	63	179698	53.823	ug/L	100
38) Bromodichloromethane	6.500	83	232250	50.391	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	235899	42.962	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	448085	112.563	ug/L	99
42) Toluene	7.378	91	766347	51.471	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	232652	44.741	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	175383	50.846	ug/L	98
46) Tetrachloroethene	7.966	164	148384	53.244	ug/L	98
48) 2-Hexanone	8.130	43	347814	114.364	ug/L	98
49) Dibromochloromethane	8.236	129	187420	49.215	ug/L	98
50) 1,2-Dibromoethane	8.339	107	178302	50.175	ug/L	98
51) Chlorobenzene	8.870	112	495353	52.541	ug/L	100
52) Ethylbenzene	9.002	91	826933	52.828	ug/L	99
53) m,p-Xylene	9.127	106	324736	52.415	ug/L	100
54) o-Xylene	9.532	106	303873	49.585	ug/L	100
55) Styrene	9.548	104	539970	50.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	271084	49.131	ug/L	99
59) Bromoform	9.719	173	135555	47.130	ug/L	99
60) Isopropylbenzene	9.921	105	809043	52.925	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	205343	51.093	ug/L	99
62) 1,3,5-Trimethylbenzene	10.526	105	709600	52.500	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	706446	52.727	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	390773	52.281	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	393140	51.755	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	394407	51.602	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	60974	48.813	ug/L	97
69) 1,3,5-Trichlorobenzene	12.632	180	311478	52.365	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	286643	54.192	ug/L	99
71) Naphthalene	13.490	128	749473	62.467	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	282664	54.560	ug/L	99

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

