

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036026.D
 Acq On : 06 Jun 2023 12:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050688

Quant Time: Jun 07 05:33:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:26:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	312586	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	280714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104493	49.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.400%		
7) Chloroethane-d5	1.672	69	82335	50.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.100%		
11) 1,1-Dichloroethene-d2	2.306	65	53591	49.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.540%		
21) 2-Butanone-d5	4.471	46	190085	109.196	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.200%		
24) Chloroform-d	5.056	84	223412	50.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.900%		
26) 1,2-Dichloroethane-d4	5.952	65	154526	47.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.640%		
32) Benzene-d6	5.970	84	437002	51.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.500%		
36) 1,2-Dichloropropane-d6	7.305	67	137592	52.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.840%		
41) Toluene-d8	8.647	98	407093	52.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.760%		
43) trans-1,3-Dichloroprop...	8.951	79	67800	53.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.620%		
47) 2-Hexanone-d5	9.384	63	134433	115.021	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.020%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	193144	53.873	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	150783	51.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	138492	46.521	ug/L	100
3) Chloromethane	1.294	50	125070	44.590	ug/L	99
5) Vinyl chloride	1.374	62	118013	45.392	ug/L	100
6) Bromomethane	1.617	94	71792	47.398	ug/L	99
8) Chloroethane	1.691	64	69501	45.067	ug/L	100
9) Trichlorofluoromethane	1.886	101	172363	47.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	112003	46.926	ug/L	99
12) 1,1-Dichloroethene	2.318	96	98484	47.413	ug/L	97
13) Acetone	2.410	43	157536	85.653	ug/L	99
14) Carbon disulfide	2.514	76	269527	47.283	ug/L	100
15) Methyl Acetate	2.709	43	138891	48.808	ug/L	100
16) Methylene chloride	2.788	84	111246	46.641	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	101474	45.598	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	387318	48.916	ug/L	99
19) 1,1-Dichloroethane	3.611	63	205677	46.357	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	118139	46.267	ug/L	96
22) 2-Butanone	4.574	43	206752	94.117	ug/L	100
23) Bromochloromethane	4.897	128	60046	47.380	ug/L	97
25) Chloroform	5.092	83	227968	47.234	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	186427	45.271	ug/L	99
29) Cyclohexane	5.470	56	192218	49.299	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	186820	48.024	ug/L	98
31) Carbon tetrachloride	5.678	117	155780	48.220	ug/L	98
33) Benzene	6.037	78	448856	47.994	ug/L	100
34) Trichloroethene	7.122	95	119317	47.370	ug/L	91
35) Methylcyclohexane	7.379	83	186962	50.562	ug/L	98
37) 1,2-Dichloropropane	7.427	63	119291	48.600	ug/L	99
38) Bromodichloromethane	7.817	83	151625	47.915	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	192283	50.139	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	368725	99.745	ug/L	98
42) Toluene	8.714	91	475039	48.838	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	180762	50.336	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	117812	49.042	ug/L	98
46) Tetrachloroethene	9.275	164	87887	49.896	ug/L	95
48) 2-Hexanone	9.427	43	289332	99.191	ug/L	97
49) Dibromochloromethane	9.518	129	112993	49.574	ug/L	96
50) 1,2-Dibromoethane	9.610	107	128360	50.568	ug/L	99
51) Chlorobenzene	10.079	112	306975	47.969	ug/L	98
52) Ethylbenzene	10.195	91	545595	48.702	ug/L	98
53) m,p-Xylene	10.299	106	211033	49.672	ug/L	97
54) o-Xylene	10.640	106	204087	49.146	ug/L	99
55) Styrene	10.652	104	349838	49.569	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	188279	49.864	ug/L	99
59) Bromoform	10.799	173	75996	48.040	ug/L	99
60) Isopropylbenzene	10.963	105	545256	47.074	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	151345	46.774	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	457149	47.453	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	425462	47.725	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	241093	48.066	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	242744	47.313	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	236015	48.168	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39549	48.398	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	152905	49.805	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	140717	50.177	ug/L	98
71) Naphthalene	13.774	128	469064	50.856	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	135655	48.646	ug/L	98

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

