

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041123\
 Data File : VX034998.D
 Acq On : 11 Apr 2023 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

Quant Time: Apr 12 01:51:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	536001	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	472246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	241112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	146966	41.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.340%		
7) Chloroethane-d5	1.672	69	115080	44.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.020%		
11) 1,1-Dichloroethene-d2	2.306	63	309824	42.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.620%		
21) 2-Butanone-d5	4.458	46	215628	90.875	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.880%		
24) Chloroform-d	5.050	84	305013	44.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.660%		
26) 1,2-Dichloroethane-d4	5.946	65	202780	43.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
32) Benzene-d6	5.970	84	578301	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
36) 1,2-Dichloropropane-d6	7.305	67	180289	44.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	8.647	98	531555	44.022	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.040%		
43) trans-1,3-Dichloroprop...	8.945	79	84114	45.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
47) 2-Hexanone-d5	9.384	63	151195	93.278	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.280%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	229958	45.628	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.260%		
66) 1,2-Dichlorobenzene-d4	12.317	152	197643	44.672	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	212665	45.685	ug/L	99
3) Chloromethane	1.294	50	193167	44.148	ug/L	99
5) Vinyl chloride	1.374	62	197939	44.635	ug/L	98
6) Bromomethane	1.617	94	116834	46.624	ug/L	98
8) Chloroethane	1.691	64	114379	45.833	ug/L	98
9) Trichlorofluoromethane	1.886	101	277075	44.908	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	180343	47.103	ug/L	99
12) 1,1-Dichloroethene	2.319	96	155164	45.537	ug/L	90
13) Acetone	2.392	43	220925	94.165	ug/L	100
14) Carbon disulfide	2.514	76	405462	44.260	ug/L	100
15) Methyl Acetate	2.703	43	178045	44.216	ug/L	100
16) Methylene chloride	2.788	84	170481	45.600	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	156675	44.710	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	559117	45.646	ug/L	100
19) 1,1-Dichloroethane	3.605	63	318005	45.571	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	182380	45.494	ug/L	100
22) 2-Butanone	4.562	43	276173	92.151	ug/L	97
23) Bromochloromethane	4.891	128	90560	45.668	ug/L	95
25) Chloroform	5.086	83	330339	46.158	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	277291	45.751	ug/L	99
29) Cyclohexane	5.464	56	299813	46.169	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	285509	45.720	ug/L	99
31) Carbon tetrachloride	5.672	117	248951	46.249	ug/L	99
33) Benzene	6.031	78	689489	45.782	ug/L	100
34) Trichloroethene	7.116	95	186405	45.907	ug/L	98
35) Methylcyclohexane	7.372	83	278360	47.552	ug/L	99
37) 1,2-Dichloropropane	7.427	63	186347	46.696	ug/L	100
38) Bromodichloromethane	7.818	83	233141	46.174	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	288348	47.278	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	490163	92.436	ug/L	100
42) Toluene	8.714	91	725770	46.530	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	262343	46.723	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	169816	45.633	ug/L	99
46) Tetrachloroethene	9.268	164	141469	46.767	ug/L	97
48) 2-Hexanone	9.427	43	396792	95.463	ug/L	99
49) Dibromochloromethane	9.518	129	173863	47.499	ug/L	98
50) 1,2-Dibromoethane	9.604	107	181082	46.369	ug/L	99
51) Chlorobenzene	10.073	112	468331	46.583	ug/L	98
52) Ethylbenzene	10.189	91	832108	47.008	ug/L	100
53) m,p-Xylene	10.299	106	316682	47.482	ug/L	100
54) o-Xylene	10.640	106	306481	46.639	ug/L	100
55) Styrene	10.652	104	526136	47.754	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	255577	46.253	ug/L	99
59) Bromoform	10.799	173	115542	44.947	ug/L	99
60) Isopropylbenzene	10.957	105	818934	46.509	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	205031	44.348	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	678723	46.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	678492	47.067	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	357586	45.588	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	361279	45.554	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	348805	45.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	55240	46.675	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	232329	47.351	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	216024	47.333	ug/L	97
71) Naphthalene	13.774	128	730716	46.854	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	211617	46.176	ug/L	100

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

