

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030390.D
 Acq On : 04 Aug 2022 13:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050763

Quant Time: Aug 05 05:22:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	300464	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	268764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	94922	49.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.380%		
7) Chloroethane-d5	1.666	69	72583	53.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.720%		
11) 1,1-Dichloroethene-d2	2.306	63	194964	53.416	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.840%		
21) 2-Butanone-d5	4.465	46	198423	110.987	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.990%		
24) Chloroform-d	5.062	84	204967	51.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.200%		
26) 1,2-Dichloroethane-d4	5.958	65	139127	51.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.180%		
32) Benzene-d6	5.976	84	386002	50.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.280%		
36) 1,2-Dichloropropane-d6	7.312	67	123073	49.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.540%		
41) Toluene-d8	8.653	98	362579	49.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.920%		
43) trans-1,3-Dichloroprop...	8.952	79	63551	51.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.280%		
47) 2-Hexanone-d5	9.384	63	140904	110.672	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.670%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	171289	52.202	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.400%		
66) 1,2-Dichlorobenzene-d4	12.323	152	126092	49.444	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	113958	50.403	ug/L	99
3) Chloromethane	1.294	50	95712	49.232	ug/L	97
5) Vinyl chloride	1.374	62	103354	49.772	ug/L	97
6) Bromomethane	1.611	94	53066	54.380	ug/L	99
8) Chloroethane	1.685	64	61789	52.238	ug/L	93
9) Trichlorofluoromethane	1.886	101	156231	50.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	101538	55.625	ug/L	99
12) 1,1-Dichloroethene	2.319	96	90052	53.547	ug/L #	79
13) Acetone	2.386	43	133865	102.165	ug/L	98
14) Carbon disulfide	2.508	76	271231	49.761	ug/L	99
15) Methyl Acetate	2.709	43	143132	52.776	ug/L	98
16) Methylene chloride	2.788	84	108237	50.757	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	99657	51.150	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	344221	51.953	ug/L	100
19) 1,1-Dichloroethane	3.611	63	189012	50.159	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	111466	50.859	ug/L	96
22) 2-Butanone	4.568	43	216961	104.965	ug/L	98
23) Bromochloromethane	4.903	128	57706	52.503	ug/L	92
25) Chloroform	5.092	83	199239	50.322	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	168650	51.179	ug/L	99
29) Cyclohexane	5.470	56	182275	51.015	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	174203	49.138	ug/L	99
31) Carbon tetrachloride	5.678	117	145050	49.573	ug/L	100
33) Benzene	6.043	78	428417	49.717	ug/L	100
34) Trichloroethene	7.129	95	118388	47.436	ug/L	85
35) Methylcyclohexane	7.385	83	180094	49.568	ug/L	99
37) 1,2-Dichloropropane	7.433	63	114991	50.189	ug/L	99
38) Bromodichloromethane	7.824	83	150223	49.541	ug/L	93
39) cis-1,3-Dichloropropene	8.366	75	179055	52.389	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	417836	104.723	ug/L	100
42) Toluene	8.720	91	453517	49.820	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	171889	51.383	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	108683	51.014	ug/L	98
46) Tetrachloroethene	9.275	164	78012	49.460	ug/L	97
48) 2-Hexanone	9.433	43	333353	107.531	ug/L	100
49) Dibromochloromethane	9.525	129	112550	49.657	ug/L	99
50) 1,2-Dibromoethane	9.610	107	117714	50.244	ug/L	100
51) Chlorobenzene	10.079	112	284413	50.150	ug/L	100
52) Ethylbenzene	10.195	91	502849	50.661	ug/L	98
53) m,p-Xylene	10.305	106	185922	50.255	ug/L	99
54) o-Xylene	10.646	106	184491	50.045	ug/L	98
55) Styrene	10.659	104	317596	51.165	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	170275	52.527	ug/L	99
59) Bromoform	10.805	173	75316	52.603	ug/L	99
60) Isopropylbenzene	10.963	105	488982	52.468	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	151727	53.735	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	424373	53.336	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	419700	52.232	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	205734	50.782	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	204221	49.587	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	205976	49.164	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	46599	50.030	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	139135	48.971	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	128366	51.446	ug/L	99
71) Naphthalene	13.780	128	523132	50.649	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	130754	49.609	ug/L	99

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

