

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030582.D
 Acq On : 12 Aug 2022 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

Quant Time: Aug 12 23:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	252138	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70807	43.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.672	69	61138	53.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.120%		
11) 1,1-Dichloroethene-d2	2.306	63	157976	51.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.160%		
21) 2-Butanone-d5	4.471	46	185657	123.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.750%		
24) Chloroform-d	5.062	84	189073	56.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.460%		
26) 1,2-Dichloroethane-d4	5.958	65	130365	57.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.200%		
32) Benzene-d6	5.970	84	338296	50.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
36) 1,2-Dichloropropane-d6	7.312	67	116550	53.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.200%		
41) Toluene-d8	8.647	98	311219	49.267	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.540%		
43) trans-1,3-Dichloroprop...	8.952	79	55617	51.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.840%		
47) 2-Hexanone-d5	9.384	63	122788	110.792	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.790%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	164318	57.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.060%		
66) 1,2-Dichlorobenzene-d4	12.323	152	116072	51.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	104038	54.835	ug/L	99
3) Chloromethane	1.294	50	80349	49.251	ug/L	99
5) Vinyl chloride	1.374	62	89706	51.479	ug/L	99
6) Bromomethane	1.611	94	27850	34.009	ug/L	94
8) Chloroethane	1.691	64	55846	56.263	ug/L	96
9) Trichlorofluoromethane	1.886	101	147939	57.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	89675	58.542	ug/L	98
12) 1,1-Dichloroethene	2.319	96	76864	54.466	ug/L	83
13) Acetone	2.398	43	143167	130.207	ug/L	97
14) Carbon disulfide	2.514	76	227229	49.678	ug/L	100
15) Methyl Acetate	2.709	43	128832	56.608	ug/L	98
16) Methylene chloride	2.788	84	98423	55.001	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	87092	53.269	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	316377	56.902	ug/L	99
19) 1,1-Dichloroethane	3.611	63	184713	58.413	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	102570	55.770	ug/L	98
22) 2-Butanone	4.574	43	203292	117.202	ug/L	99
23) Bromochloromethane	4.897	128	50591	54.852	ug/L #	88
25) Chloroform	5.093	83	197880	59.558	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	163937	59.284	ug/L	96
29) Cyclohexane	5.470	56	159429	51.259	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	169247	54.843	ug/L	99
31) Carbon tetrachloride	5.678	117	142515	55.953	ug/L	98
33) Benzene	6.037	78	397620	53.008	ug/L	100
34) Trichloroethene	7.123	95	109104	50.220	ug/L	93
35) Methylcyclohexane	7.379	83	161707	51.129	ug/L	99
37) 1,2-Dichloropropane	7.434	63	109830	55.068	ug/L	100
38) Bromodichloromethane	7.824	83	148938	56.425	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	165338	55.572	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	379953	109.396	ug/L	97
42) Toluene	8.720	91	417527	52.691	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	164457	56.476	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	100447	54.163	ug/L	98
46) Tetrachloroethene	9.275	164	69351	50.510	ug/L	99
48) 2-Hexanone	9.433	43	305583	113.239	ug/L	97
49) Dibromochloromethane	9.525	129	110112	55.810	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104561	51.270	ug/L	98
51) Chlorobenzene	10.079	112	262655	53.204	ug/L	98
52) Ethylbenzene	10.195	91	469628	54.354	ug/L	98
53) m,p-Xylene	10.305	106	173426	53.852	ug/L	98
54) o-Xylene	10.646	106	171403	53.412	ug/L	98
55) Styrene	10.659	104	302383	55.962	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	162887	57.724	ug/L	99
59) Bromoform	10.799	173	72957	57.250	ug/L	99
60) Isopropylbenzene	10.963	105	456765	55.065	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	140741	56.001	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	402302	56.808	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	397801	55.622	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	196658	54.538	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	192408	52.490	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	205224	55.035	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	46212	55.743	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	140767	55.666	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	117550	52.930	ug/L	96
71) Naphthalene	13.780	128	485273	52.787	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	128561	54.803	ug/L	98

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

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