

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030523.D
 Acq On : 09 Aug 2022 12:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050773

Quant Time: Aug 10 01:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	307994	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	110479	55.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 111.720%	
7) Chloroethane-d5	1.660	69	81738	58.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.240%	
11) 1,1-Dichloroethene-d2	2.306	63	222775	59.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 119.080%	
21) 2-Butanone-d5	4.465	46	221107	120.651	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 120.650%	
24) Chloroform-d	5.062	84	227787	55.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.900%	
26) 1,2-Dichloroethane-d4	5.958	65	154480	55.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.760%	
32) Benzene-d6	5.977	84	437978	55.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.480%	
36) 1,2-Dichloropropane-d6	7.312	67	143982	56.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 112.960%	
41) Toluene-d8	8.653	98	405023	54.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.380%	
43) trans-1,3-Dichloroprop...	8.952	79	69527	54.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 109.640%	
47) 2-Hexanone-d5	9.384	63	152151	117.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 117.100%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	196130	58.567	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 117.140%	
66) 1,2-Dichlorobenzene-d4	12.323	152	146355	54.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	118550	51.152	ug/L	100
3) Chloromethane	1.288	50	102644	51.507	ug/L	100
5) Vinyl chloride	1.374	62	109181	51.292	ug/L	99
6) Bromomethane	1.611	94	54637	54.621	ug/L	98
8) Chloroethane	1.685	64	63078	52.024	ug/L	100
9) Trichlorofluoromethane	1.886	101	158505	50.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	101781	54.395	ug/L	98
12) 1,1-Dichloroethene	2.319	96	91057	52.821	ug/L #	79
13) Acetone	2.392	43	141605	105.430	ug/L	99
14) Carbon disulfide	2.508	76	261178	46.745	ug/L	99
15) Methyl Acetate	2.709	43	148801	53.524	ug/L	98
16) Methylene chloride	2.788	84	108427	49.603	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	97573	48.856	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	339641	50.008	ug/L	99
19) 1,1-Dichloroethane	3.611	63	200545	51.918	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	112224	49.953	ug/L	98
22) 2-Butanone	4.568	43	231332	109.181	ug/L	100
23) Bromochloromethane	4.897	128	54910	48.738	ug/L #	84
25) Chloroform	5.093	83	209627	51.651	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170745	50.548	ug/L	97
29) Cyclohexane	5.471	56	181090	49.661	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	177615	49.090	ug/L	99
31) Carbon tetrachloride	5.678	117	149561	50.084	ug/L	99
33) Benzene	6.038	78	437273	49.721	ug/L	100
34) Trichloroethene	7.129	95	125854	49.410	ug/L	90
35) Methylcyclohexane	7.385	83	183692	49.539	ug/L	98
37) 1,2-Dichloropropane	7.434	63	120912	51.709	ug/L	100
38) Bromodichloromethane	7.824	83	159181	51.436	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	177858	50.989	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	430442	105.706	ug/L	99
42) Toluene	8.720	91	463281	49.866	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	175336	51.356	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	109460	50.343	ug/L	98
46) Tetrachloroethene	9.275	164	77685	48.259	ug/L	93
48) 2-Hexanone	9.433	43	356578	112.703	ug/L	98
49) Dibromochloromethane	9.525	129	114165	49.354	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117111	48.978	ug/L	97
51) Chlorobenzene	10.079	112	289885	50.084	ug/L	100
52) Ethylbenzene	10.195	91	515134	50.852	ug/L	100
53) m,p-Xylene	10.305	106	189582	50.211	ug/L	98
54) o-Xylene	10.646	106	188612	50.131	ug/L	100
55) Styrene	10.659	104	326164	51.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	172184	52.045	ug/L	93
59) Bromoform	10.805	173	75264	49.509	ug/L	100
60) Isopropylbenzene	10.963	105	504057	50.940	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	152904	51.002	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	438287	51.881	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	439782	51.548	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	214525	49.872	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	221495	50.653	ug/L	87
67) 1,2-Dichlorobenzene	12.335	146	223032	50.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	50052	50.612	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	157582	52.239	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	133810	50.508	ug/L	97
71) Naphthalene	13.780	128	545310	49.726	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	141041	50.400	ug/L	100

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

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