

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072022\
 Data File : VX030123.D
 Acq On : 20 Jul 2022 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050761

Quant Time: Jul 21 06:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	318991	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100425	40.361	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.720%		
7) Chloroethane-d5	1.666	69	76243	44.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.560%		
11) 1,1-Dichloroethene-d2	2.307	63	216854	45.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.120%		
21) 2-Butanone-d5	4.459	46	226953	92.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.750%		
24) Chloroform-d	5.056	84	225448	44.629	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
26) 1,2-Dichloroethane-d4	5.958	65	139867	44.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
32) Benzene-d6	5.977	84	468303	43.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	7.312	67	151125	43.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.640%		
41) Toluene-d8	8.653	98	423873	43.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.380%		
43) trans-1,3-Dichloroprop...	8.952	79	65624	44.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.600%		
47) 2-Hexanone-d5	9.385	63	162668	94.054	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.050%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205826	44.723	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.440%		
66) 1,2-Dichlorobenzene-d4	12.323	152	154419	43.840	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	133983	50.157	ug/L	100
3) Chloromethane	1.288	50	111810	46.833	ug/L	98
5) Vinyl chloride	1.374	62	119610	48.059	ug/L	97
6) Bromomethane	1.605	94	53580	47.726	ug/L	97
8) Chloroethane	1.685	64	66578	48.477	ug/L	98
9) Trichlorofluoromethane	1.886	101	162778	50.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	116528	51.162	ug/L	99
12) 1,1-Dichloroethene	2.319	96	110355	50.254	ug/L	81
13) Acetone	2.386	43	134984	99.092	ug/L	99
14) Carbon disulfide	2.508	76	304617	49.291	ug/L	99
15) Methyl Acetate	2.703	43	158889	51.214	ug/L	100
16) Methylene chloride	2.788	84	130281	49.147	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	115908	49.601	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	365898	50.827	ug/L	99
19) 1,1-Dichloroethane	3.611	63	215061	50.349	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	135921	50.096	ug/L	96
22) 2-Butanone	4.562	43	237109	101.805	ug/L	99
23) Bromochloromethane	4.898	128	69017	51.117	ug/L	96
25) Chloroform	5.099	83	221181	49.887	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170551	51.218	ug/L	100
29) Cyclohexane	5.471	56	206349	51.495	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	182527	50.775	ug/L	99
31) Carbon tetrachloride	5.678	117	153284	51.764	ug/L	98
33) Benzene	6.038	78	516122	50.732	ug/L	100
34) Trichloroethene	7.129	95	137527	50.471	ug/L	98
35) Methylcyclohexane	7.379	83	208476	50.857	ug/L	98
37) 1,2-Dichloropropane	7.434	63	133961	50.313	ug/L	100
38) Bromodichloromethane	7.824	83	167347	51.369	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	195224	51.292	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	455207	105.100	ug/L	98
42) Toluene	8.720	91	544990	51.593	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	184004	51.623	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	131165	51.477	ug/L	99
46) Tetrachloroethene	9.275	164	94353	49.983	ug/L	93
48) 2-Hexanone	9.433	43	360227	103.571	ug/L	99
49) Dibromochloromethane	9.525	129	129693	50.868	ug/L	99
50) 1,2-Dibromoethane	9.610	107	134475	49.699	ug/L	98
51) Chlorobenzene	10.080	112	337197	50.804	ug/L	99
52) Ethylbenzene	10.195	91	583153	51.794	ug/L	98
53) m,p-Xylene	10.305	106	224500	51.151	ug/L	100
54) o-Xylene	10.647	106	223887	52.532	ug/L	95
55) Styrene	10.659	104	381631	51.978	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	202053	50.249	ug/L	98
59) Bromoform	10.799	173	87626	49.373	ug/L	96
60) Isopropylbenzene	10.964	105	574111	51.549	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	167042	49.558	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	484680	52.666	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	490536	53.460	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	251416	51.322	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	249965	50.755	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	252786	50.724	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	47729	47.151	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	166589	50.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	154326	53.156	ug/L	99
71) Naphthalene	13.780	128	628678	52.930	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156996	50.898	ug/L	100

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

