

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030112.D
 Acq On : 19 Jul 2022 12:31
 Operator : JC/MD
 Sample : VSTD05074
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050674

Quant Time: Jul 20 07:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	311680	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	284073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	119386	49.107	ug/L	0.00
7) Chloroethane-d5	1.666	69	88279	52.473	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	237082	50.417	ug/L	0.00
21) 2-Butanone-d5	4.465	46	237339	99.250	ug/L	0.00
24) Chloroform-d	5.068	84	243490	49.331	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	148291	48.024	ug/L	0.00
32) Benzene-d6	5.983	84	523315	50.047	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	166639	49.695	ug/L	0.00
41) Toluene-d8	8.653	98	475867	49.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	72141	50.659	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	172015	102.296	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	222924	49.820	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	175085	50.709	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	137640	52.735	ug/L	100
3) Chloromethane	1.294	50	121556	52.105	ug/L	100
5) Vinyl chloride	1.374	62	128273	52.749	ug/L	100
6) Bromomethane	1.611	94	59528	54.268	ug/L	100
8) Chloroethane	1.691	64	68766	51.245	ug/L	100
9) Trichlorofluoromethane	1.892	101	164347	52.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	116081	52.161	ug/L	100
12) 1,1-Dichloroethene	2.319	96	112702	52.527	ug/L	100
13) Acetone	2.392	43	137135	103.034	ug/L	100
14) Carbon disulfide	2.514	76	314012	52.003	ug/L	100
15) Methyl Acetate	2.709	43	155906	51.431	ug/L	100
16) Methylene chloride	2.794	84	131078	50.608	ug/L	100
17) trans-1,2-Dichloroethene	3.099	96	119271	52.238	ug/L	100
18) Methyl tert-butyl Ether	3.123	73	368914	52.448	ug/L	100
19) 1,1-Dichloroethane	3.617	63	218228	52.289	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	137679	51.934	ug/L	100
22) 2-Butanone	4.568	43	239706	105.334	ug/L	100
23) Bromochloromethane	4.904	128	69206	52.458	ug/L	100
25) Chloroform	5.099	83	224902	51.917	ug/L	100
27) 1,2-Dichloroethane	6.092	62	169926	52.227	ug/L	100
29) Cyclohexane	5.477	56	206776	53.066	ug/L	100
30) 1,1,1-Trichloroethane	5.397	97	181521	51.936	ug/L	100
31) Carbon tetrachloride	5.684	117	152591	53.000	ug/L	100
33) Benzene	6.044	78	518684	52.439	ug/L	100
34) Trichloroethene	7.129	95	138728	52.365	ug/L	100
35) Methylcyclohexane	7.385	83	216892	54.420	ug/L	100
37) 1,2-Dichloropropane	7.434	63	134089	52.395	ug/L	100
38) Bromodichloromethane	7.824	83	166652	52.616	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	193827	52.378	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	449713	106.794	ug/L	100
42) Toluene	8.720	91	551904	53.738	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	185255	53.456	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	129394	52.231	ug/L	100
46) Tetrachloroethene	9.275	164	93719	51.063	ug/L	100
48) 2-Hexanone	9.433	43	360265	106.537	ug/L	100
49) Dibromochloromethane	9.525	129	131548	53.068	ug/L	100
50) 1,2-Dibromoethane	9.610	107	135870	51.648	ug/L	100
51) Chlorobenzene	10.079	112	340213	52.721	ug/L	100
52) Ethylbenzene	10.195	91	586868	53.611	ug/L	100
53) m,p-Xylene	10.305	106	234385	54.927	ug/L	100
54) o-Xylene	10.646	106	225942	54.526	ug/L	100
55) Styrene	10.659	104	390258	54.670	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	203205	51.977	ug/L	100
59) Bromoform	10.799	173	90441	51.986	ug/L	100
60) Isopropylbenzene	10.963	105	582338	53.342	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	169344	51.254	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	488051	54.101	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	492961	54.807	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	252833	52.651	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	255630	52.951	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	260025	53.229	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	53007	53.420	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	172690	53.260	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	153197	53.830	ug/L	100
71) Naphthalene	13.780	128	643595	55.278	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	159651	52.802	ug/L	100

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

