

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030386.D
 Acq On : 04 Aug 2022 11:31
 Operator : JC/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

Quant Time: Aug 05 04:57:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 04:51:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	325569	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	104120	49.800	ug/L	0.00
7) Chloroethane-d5	1.666	69	79049	53.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	196095	49.583	ug/L	0.00
21) 2-Butanone-d5	4.471	46	197770	102.091	ug/L	0.00
24) Chloroform-d	5.068	84	216619	50.331	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	143488	49.100	ug/L	0.00
32) Benzene-d6	5.983	84	411834	49.953	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	135220	50.552	ug/L	0.00
41) Toluene-d8	8.653	98	389832	50.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	66701	50.125	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	140142	102.786	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	174475	49.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	149061	51.787	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	121657	49.659	ug/L	100
3) Chloromethane	1.294	50	104811	49.757	ug/L	100
5) Vinyl chloride	1.374	62	113235	50.325	ug/L	100
6) Bromomethane	1.611	94	53308	50.415	ug/L	100
8) Chloroethane	1.691	64	65137	50.822	ug/L	100
9) Trichlorofluoromethane	1.892	101	168185	50.575	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	97501	49.295	ug/L	100
12) 1,1-Dichloroethene	2.319	96	88835	48.750	ug/L	100
13) Acetone	2.392	43	133405	93.928	ug/L	100
14) Carbon disulfide	2.514	76	298275	50.503	ug/L	100
15) Methyl Acetate	2.709	43	149544	50.888	ug/L	100
16) Methylene chloride	2.794	84	114583	49.590	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	107614	50.975	ug/L	100
18) Methyl tert-butyl Ether	3.123	73	363382	50.616	ug/L	100
19) 1,1-Dichloroethane	3.617	63	206158	50.490	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	119565	50.347	ug/L	100
22) 2-Butanone	4.568	43	224107	100.061	ug/L	100
23) Bromochloromethane	4.910	128	60264	50.603	ug/L	100
25) Chloroform	5.105	83	214934	50.100	ug/L	100
27) 1,2-Dichloroethane	6.092	62	180524	50.558	ug/L	100
29) Cyclohexane	5.477	56	193892	50.673	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	190609	50.207	ug/L	100
31) Carbon tetrachloride	5.684	117	158844	50.694	ug/L	100
33) Benzene	6.044	78	463877	50.268	ug/L	100
34) Trichloroethene	7.129	95	136419	51.042	ug/L	100
35) Methylcyclohexane	7.385	83	199004	51.147	ug/L	100
37) 1,2-Dichloropropane	7.434	63	122652	49.988	ug/L	100
38) Bromodichloromethane	7.830	83	169030	52.053	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	185692	50.719	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	431215	100.921	ug/L	100
42) Toluene	8.720	91	492973	50.569	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	183243	51.151	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	115318	50.545	ug/L	100
46) Tetrachloroethene	9.275	164	84549	50.055	ug/L	100
48) 2-Hexanone	9.433	43	337811	101.755	ug/L	100
49) Dibromochloromethane	9.525	129	122341	50.404	ug/L	100
50) 1,2-Dibromoethane	9.610	107	126390	50.376	ug/L	100
51) Chlorobenzene	10.079	112	305984	50.382	ug/L	100
52) Ethylbenzene	10.195	91	540590	50.858	ug/L	100
53) m,p-Xylene	10.305	106	201837	50.945	ug/L	100
54) o-Xylene	10.646	106	198893	50.380	ug/L	100
55) Styrene	10.659	104	341450	51.367	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	177009	50.990	ug/L	100
59) Bromoform	10.805	173	81191	50.241	ug/L	100
60) Isopropylbenzene	10.963	105	529564	50.344	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	160086	50.232	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	462311	51.480	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	458137	50.516	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	230922	50.501	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	237758	51.148	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	245387	51.893	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	55575	52.865	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	165308	51.550	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	147051	52.215	ug/L	100
71) Naphthalene	13.774	128	613999	52.670	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	152783	51.359	ug/L	100

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

