

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033544.D
 Acq On : 22 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200605

Quant Time: Dec 23 04:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258135	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	290024	211.210	ug/L	0.00
7) Chloroethane-d5	1.672	69	265066	246.824	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	496243	226.351	ug/L	0.00
21) 2-Butanone-d5	4.458	46	432843	433.945	ug/L	0.00
24) Chloroform-d	5.056	84	713223	209.512	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	422146	200.003	ug/L	0.00
32) Benzene-d6	5.977	84	1386331	207.968	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	410253	210.652	ug/L	0.00
41) Toluene-d8	8.653	98	1347036	208.204	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	217667	231.189	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	346602	434.129	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	550264	206.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	525832	210.322	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	114766	184.206	ug/L	98
3) Chloromethane	1.294	50	150521	192.423	ug/L	99
5) Vinyl chloride	1.374	62	200653	194.121	ug/L	98
6) Bromomethane	1.618	94	133492	217.085	ug/L	97
8) Chloroethane	1.691	64	151946	220.954	ug/L	97
9) Trichlorofluoromethane	1.886	101	318076	185.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	247775	227.645	ug/L	99
12) 1,1-Dichloroethene	2.319	96	210843	215.425	ug/L	94
13) Acetone	2.392	43	259756	405.416	ug/L	95
14) Carbon disulfide	2.514	76	638296	214.322	ug/L	100
15) Methyl Acetate	2.703	43	247161	192.938	ug/L	100
16) Methylene chloride	2.788	84	273504	186.667	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	279774	192.984	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	887083	193.063	ug/L	100
19) 1,1-Dichloroethane	3.611	63	483699	192.235	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	326869	192.376	ug/L	98
22) 2-Butanone	4.562	43	377948	358.166	ug/L	98
23) Bromochloromethane	4.904	128	167288	183.929	ug/L	95
25) Chloroform	5.093	83	553693	189.378	ug/L	99
27) 1,2-Dichloroethane	6.086	62	414543	185.873	ug/L	99
29) Cyclohexane	5.477	56	430879	188.885	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	516964	190.445	ug/L	99
31) Carbon tetrachloride	5.678	117	463039	192.213	ug/L	99
33) Benzene	6.044	78	1154836	186.169	ug/L	100
34) Trichloroethene	7.129	95	326371	188.684	ug/L	98
35) Methylcyclohexane	7.385	83	484415	191.090	ug/L	100
37) 1,2-Dichloropropane	7.434	63	286359	187.201	ug/L	100
38) Bromodichloromethane	7.824	83	433106	191.855	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	492978	198.347	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	713449	376.603	ug/L	98
42) Toluene	8.720	91	1314466	187.482	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	483508	207.198	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	312671	188.828	ug/L	99
46) Tetrachloroethene	9.275	164	274377	187.944	ug/L	98
48) 2-Hexanone	9.433	43	536129	356.316	ug/L	97
49) Dibromochloromethane	9.525	129	382116	197.609	ug/L	96
50) 1,2-Dibromoethane	9.610	107	344026	192.468	ug/L	99
51) Chlorobenzene	10.079	112	877938	188.705	ug/L	99
52) Ethylbenzene	10.195	91	1459589	190.028	ug/L	98
53) m,p-Xylene	10.305	106	590146	192.633	ug/L	96
54) o-Xylene	10.640	106	577955	192.893	ug/L	98
55) Styrene	10.659	104	990662	196.185	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	450429	186.028	ug/L	99
59) Bromoform	10.799	173	284148	202.469	ug/L	100
60) Isopropylbenzene	10.963	105	1498596	188.045	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	339678	178.936	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1292863	190.976	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1270714	190.917	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	690959	189.821	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	693882	188.446	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	670904	186.764	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	101746	199.377	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	472626	194.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	440458	199.651	ug/L	100
71) Naphthalene	13.774	128	1455171	201.885	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	432763	196.571	ug/L	99

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

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