

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022181.D
 Acq On : 25 May 2021 17:02
 Operator : JC/MD
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200135

Quant Time: May 25 17:24:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 17:17:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	155712	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	146405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	252238	238.167	ug/L	0.00
7) Chloroethane-d5	1.648	69	174650	214.508	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	480015	225.861	ug/L	0.00
21) 2-Butanone-d5	4.477	46	408001	497.771	ug/L	0.01
24) Chloroform-d	5.074	84	479095	218.108	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.970	65	296173	193.716	ug/L	0.00
32) Benzene-d6	5.989	84	976625	235.227	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	310391	229.973	ug/L	0.00
41) Toluene-d8	8.659	98	892656	230.324	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	161400	236.242	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	308854	555.050	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	440657	250.577	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	303005	213.022	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	241399	187.009	ug/L	99
3) Chloromethane	1.294	50	241767	190.299	ug/L	98
5) Vinyl chloride	1.374	62	262734	223.875	ug/L	100
6) Bromomethane	1.599	94	114843	217.240	ug/L	99
8) Chloroethane	1.672	64	155910	219.890	ug/L	100
9) Trichlorofluoromethane	1.880	101	360473	211.429	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	212063	206.067	ug/L	89
12) 1,1-Dichloroethene	2.319	96	201694	212.890	ug/L	92
13) Acetone	2.398	43	243260	468.052	ug/L	98
14) Carbon disulfide	2.508	76	641581	226.383	ug/L	100
15) Methyl Acetate	2.715	43	281907	240.060	ug/L	95
16) Methylene chloride	2.794	84	249866	231.495	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	232817	234.831	ug/L	97
18) Methyl tert-butyl Ether	3.129	73	777906	236.610	ug/L	99
19) 1,1-Dichloroethane	3.617	63	431143	227.118	ug/L	99
20) cis-1,2-Dichloroethene	4.501	96	264850	238.963	ug/L	99
22) 2-Butanone	4.580	43	421319	504.921	ug/L	93
23) Bromochloromethane	4.916	128	119992	219.017	ug/L	89
25) Chloroform	5.111	83	439690	217.540	ug/L	97
27) 1,2-Dichloroethane	6.098	62	341800	202.809	ug/L	98
29) Cyclohexane	5.483	56	413755	238.556	ug/L	98
30) 1,1,1-Trichloroethane	5.397	97	386513	213.160	ug/L	99
31) Carbon tetrachloride	5.690	117	325517	208.814	ug/L	99
33) Benzene	6.050	78	998737	238.053	ug/L	100
34) Trichloroethene	7.135	95	255289	225.275	ug/L	97
35) Methylcyclohexane	7.391	83	420452	248.491	ug/L	98
37) 1,2-Dichloropropane	7.440	63	254673	231.413	ug/L	100
38) Bromodichloromethane	7.830	83	340164	223.692	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	419626	242.900	ug/L	100
40) 4-Methyl-2-pentanone	8.586	43	844364	519.258	ug/L	94
42) Toluene	8.726	91	1064542	238.511	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	414462	245.591	ug/L	99

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45) 1,1,2-Trichloroethane	9.159	97	247452	234.324	ug/L	99
46) Tetrachloroethene	9.281	164	166253	202.865	ug/L	92
48) 2-Hexanone	9.439	43	669844	534.404	ug/L	91
49) Dibromochloromethane	9.531	129	257610	223.602	ug/L	96
50) 1,2-Dibromoethane	9.616	107	261937	240.718	ug/L #	99
51) Chlorobenzene	10.086	112	663733	236.229	ug/L	99
52) Ethylbenzene	10.201	91	1189951	242.935	ug/L	97
53) m,p-Xylene	10.305	106	455215	254.103	ug/L	96
54) o-Xylene	10.646	106	442863	252.266	ug/L	96
55) Styrene	10.659	104	775194	259.102	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.219	83	415679	261.080	ug/L	99
59) Bromoform	10.805	173	170556	209.023	ug/L	98
60) Isopropylbenzene	10.970	105	1158383	243.681	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	335509	244.816	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	994379	252.233	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	1000107	252.868	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	478082	233.222	ug/L	96
65) 1,4-Dichlorobenzene	12.049	146	480188	230.424	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	467531	226.821	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	98142	258.420	ug/L	89
69) 1,3,5-Trichlorobenzene	13.115	180	316167	222.628	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	292776	232.276	ug/L	96
71) Naphthalene	13.780	128	1223779	285.645	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	289381	224.186	ug/L	97

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

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