

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020878.D
 Acq On : 08 Feb 2021 12:33
 Operator : JC/MD
 Sample : VSTD05036
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050406

Quant Time: Feb 08 12:58:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 12:56:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	477637	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	460816	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	222022	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	151263	42.02	ug/L	0.00
7) Chloroethane-d5	1.685	69	126021	44.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	288180	42.69	ug/L	0.00
21) 2-Butanone-d5	4.532	46	210385	92.45	ug/L	0.00
24) Chloroform-d	5.135	84	337938	52.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.025	65	213551	49.99	ug/L	0.00
32) Benzene-d6	6.050	84	674587	50.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.367	67	206475	49.53	ug/L	0.00
41) Toluene-d8	8.696	98	631458	51.63	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	102661	50.63	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	169099	93.33	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	275501	47.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	232139	53.85	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	183113	41.16	ug/L	99
3) Chloromethane	1.313	50	158593	39.71	ug/L	97
5) Vinyl chloride	1.392	62	162815	38.75	ug/L	100
6) Bromomethane	1.624	94	94031	43.68	ug/L	99
8) Chloroethane	1.709	64	96584	38.28	ug/L	99
9) Trichlorofluoromethane	1.916	101	250860	45.78	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	138129	41.59	ug/L	99
12) 1,1-Dichloroethene	2.355	96	130207	40.32	ug/L	95
13) Acetone	2.416	43	127216	70.77	ug/L	99
14) Carbon disulfide	2.550	76	397770	38.41	ug/L	99
15) Methyl Acetate	2.745	43	146802	40.07	ug/L	100
16) Methylene chloride	2.831	84	168178	42.64	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	150644	42.53	ug/L	96
18) Methyl tert-butyl Ether	3.166	73	486312	45.08	ug/L	98
19) 1,1-Dichloroethane	3.666	63	285592	44.26	ug/L	98
20) cis-1,2-Dichloroethene	4.562	96	169204	43.62	ug/L	100
22) 2-Butanone	4.629	43	209338	77.68	ug/L	98
23) Bromochloromethane	4.977	128	90518	44.75	ug/L	95
25) Chloroform	5.172	83	317660	45.06	ug/L	98
27) 1,2-Dichloroethane	6.159	62	227638	43.89	ug/L	98
29) Cyclohexane	5.544	56	228380	41.89	ug/L	98
30) 1,1,1-Trichloroethane	5.458	97	273620	47.01	ug/L	98
31) Carbon tetrachloride	5.751	117	243492	49.06	ug/L	99
33) Benzene	6.111	78	650194	43.98	ug/L	100
34) Trichloroethene	7.184	95	169231	44.57	ug/L	98
35) Methylcyclohexane	7.440	83	242728	43.24	ug/L	98
37) 1,2-Dichloropropane	7.488	63	169002	44.84	ug/L	99
38) Bromodichloromethane	7.872	83	232211	47.40	ug/L	99
39) cis-1,3-Dichloropropene	8.409	75	257041	45.55	ug/L	97
40) 4-Methyl-2-pentanone	8.616	43	404286	83.86	ug/L	99
42) Toluene	8.763	91	697811	45.21	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	254216	46.11	ug/L	99

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45) 1,1,2-Trichloroethane	9.195	97	170569	45.27	ug/L	96
46) Tetrachloroethene	9.317	164	129944	44.14	ug/L	95
48) 2-Hexanone	9.470	43	312922	81.70	ug/L	99
49) Dibromochloromethane	9.561	129	196404	49.91	ug/L	99
50) 1,2-Dibromoethane	9.653	107	175632	45.14	ug/L	100
51) Chlorobenzene	10.122	112	450327	45.55	ug/L	95
52) Ethylbenzene	10.232	91	762041	46.07	ug/L	100
53) m,p-Xylene	10.342	106	287752	46.49	ug/L	97
54) o-Xylene	10.683	106	280716	46.49	ug/L	97
55) Styrene	10.695	104	490045	47.93	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.250	83	247421	42.20	ug/L	99
59) Bromoform	10.841	173	137980	49.67	ug/L	99
60) Isopropylbenzene	11.000	105	741473	48.12	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	205149	43.47	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	619243	49.40	ug/L	98
63) 1,2,4-Trimethylbenzene	11.793	105	629932	49.57	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	336399	46.66	ug/L	95
65) 1,4-Dichlorobenzene	12.079	146	337911	46.46	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	343526	47.81	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.981	75	53491	45.08	ug/L	93
69) 1,3,5-Trichlorobenzene	13.152	180	228740	46.70	ug/L	97
70) 1,2,4-trichlorobenzene	13.628	180	195312	46.28	ug/L	99
71) Naphthalene	13.817	128	681090	49.21	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	209921	48.21	ug/L	96

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

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