

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020920.D
 Acq On : 26 Feb 2021 10:20
 Operator : JC/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005435

Quant Time: Feb 26 11:48:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 11:47:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	325646	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	289116	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	131386	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	9516	4.80	ug/L	0.00
7) Chloroethane-d5	1.693	69	8053	4.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.346	63	18415	4.82	ug/L	0.00
21) 2-Butanone-d5	4.535	46	10837	8.12	ug/L	0.00
24) Chloroform-d	5.135	84	16812	4.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.029	65	11874	4.38	ug/L	0.00
32) Benzene-d6	6.052	84	36202	4.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.364	67	11238	4.61	ug/L	0.00
41) Toluene-d8	8.694	98	32713	4.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	5481	4.48	ug/L	0.00
47) 2-Hexanone-d5	9.423	63	8567	8.93	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.230	84	13127	4.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	10326	3.98	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	12653	5.02	ug/L	98
3) Chloromethane	1.317	50	11104	5.09	ug/L	98
5) Vinyl chloride	1.393	62	13079	5.66	ug/L	99
6) Bromomethane	1.628	94	7700	6.11	ug/L	92
8) Chloroethane	1.711	64	8248	5.87	ug/L	100
9) Trichlorofluoromethane	1.917	101	17352	5.08	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	11462	5.76	ug/L	99
12) 1,1-Dichloroethene	2.352	96	10819	5.81	ug/L	93
13) Acetone	2.423	43	13618	14.67	ug/L	100
14) Carbon disulfide	2.552	76	33312	5.81	ug/L	98
15) Methyl Acetate	2.752	43	11177	5.54	ug/L	98
16) Methylene chloride	2.834	84	12511	5.29	ug/L	96
17) trans-1,2-Dichloroethene	3.140	96	12172	5.76	ug/L	99
18) Methyl tert-butyl Ether	3.164	73	38312	5.68	ug/L	98
19) 1,1-Dichloroethane	3.670	63	20532	5.29	ug/L	96
20) cis-1,2-Dichloroethene	4.564	96	12912	5.38	ug/L	98
22) 2-Butanone	4.635	43	17294	12.02	ug/L	99
23) Bromochloromethane	4.982	128	6633	5.32	ug/L	86
25) Chloroform	5.176	83	21990	5.06	ug/L	95
27) 1,2-Dichloroethane	6.158	62	16257	5.26	ug/L	100
29) Cyclohexane	5.546	56	18707	6.38	ug/L #	70
30) 1,1,1-Trichloroethane	5.458	97	18611	5.35	ug/L	99
31) Carbon tetrachloride	5.747	117	15100	4.91	ug/L	100
33) Benzene	6.111	78	46611	5.68	ug/L	100
34) Trichloroethene	7.182	95	12932	5.85	ug/L	97
35) Methylcyclohexane	7.435	83	19497	6.18	ug/L	97
37) 1,2-Dichloropropane	7.488	63	11891	5.62	ug/L #	97
38) Bromodichloromethane	7.870	83	16190	5.43	ug/L	98
39) cis-1,3-Dichloropropene	8.412	75	18298	5.58	ug/L	95
40) 4-Methyl-2-pentanone	8.617	43	28293	11.43	ug/L	98
42) Toluene	8.765	91	49247	5.71	ug/L	97
44) trans-1,3-Dichloropropene	9.023	75	17957	5.54	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.194	97	12005	5.56	ug/L	95
46) Tetrachloroethene	9.318	164	9131	5.46	ug/L	93
48) 2-Hexanone	9.471	43	22427	11.79	ug/L	99
49) Dibromochloromethane	9.565	129	11911	4.91	ug/L	91
50) 1,2-Dibromoethane	9.653	107	12086	5.43	ug/L	94
51) Chlorobenzene	10.118	112	31388	5.43	ug/L	98
52) Ethylbenzene	10.235	91	53749	5.65	ug/L	98
53) m,p-Xylene	10.341	106	19996	5.56	ug/L	98
54) o-Xylene	10.682	106	19501	5.61	ug/L	98
55) Styrene	10.694	104	33354	5.53	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.247	83	16733	5.23	ug/L	99
59) Bromoform	10.835	173	8118	4.78	ug/L	97
60) Isopropylbenzene	11.000	105	51144	5.78	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	13705	5.39	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	41656	5.72	ug/L	96
63) 1,2,4-Trimethylbenzene	11.788	105	40892	5.64	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	22798	5.60	ug/L	93
65) 1,4-Dichlorobenzene	12.077	146	22534	5.39	ug/L	96
67) 1,2-Dichlorobenzene	12.371	146	21307	5.17	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	3564	5.38	ug/L	90
69) 1,3,5-Trichlorobenzene	13.153	180	14197	5.10	ug/L	96
70) 1,2,4-trichlorobenzene	13.624	180	12661	5.24	ug/L	99
71) Naphthalene	13.818	128	41689	5.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	12758	5.13	ug/L	99

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

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