

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020922.D
 Acq On : 26 Feb 2021 11:20
 Operator : JC/MD
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050431

Quant Time: Feb 26 11:49:12 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	308056	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	270886	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	125512	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	112792	60.16	ug/L	0.00
7) Chloroethane-d5	1.687	69	94987	59.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.340	63	208056	57.61	ug/L	0.00
21) 2-Butanone-d5	4.529	46	138455	109.60	ug/L	0.00
24) Chloroform-d	5.140	84	213877	53.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.029	65	134897	52.57	ug/L	0.00
32) Benzene-d6	6.046	84	442685	59.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.370	67	135176	59.21	ug/L	0.00
41) Toluene-d8	8.694	98	398383	59.44	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	71247	62.14	ug/L	0.00
47) 2-Hexanone-d5	9.423	63	110500	122.93	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.229	84	171881	55.93	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	131766	53.16	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	112804	47.31	ug/L	98
3) Chloromethane	1.316	50	101037	48.98	ug/L	99
5) Vinyl chloride	1.393	62	121216	55.42	ug/L	98
6) Bromomethane	1.628	94	61721	51.76	ug/L	98
8) Chloroethane	1.711	64	74077	55.78	ug/L	99
9) Trichlorofluoromethane	1.916	101	157426	48.68	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	103908	55.16	ug/L	99
12) 1,1-Dichloroethene	2.358	96	101030	57.31	ug/L	91
13) Acetone	2.422	43	100438	114.35	ug/L	99
14) Carbon disulfide	2.552	76	289961	53.45	ug/L	98
15) Methyl Acetate	2.752	43	97645	51.18	ug/L	97
16) Methylene chloride	2.834	84	111936	50.04	ug/L	96
17) trans-1,2-Dichloroethene	3.140	96	107393	53.73	ug/L	95
18) Methyl tert-butyl Ether	3.170	73	354150	55.51	ug/L	99
19) 1,1-Dichloroethane	3.670	63	188329	51.25	ug/L	98
20) cis-1,2-Dichloroethene	4.564	96	121610	53.56	ug/L	94
22) 2-Butanone	4.634	43	148313	108.94	ug/L	100
23) Bromochloromethane	4.982	128	59466	50.44	ug/L	94
25) Chloroform	5.176	83	200334	48.74	ug/L	99
27) 1,2-Dichloroethane	6.158	62	148715	50.83	ug/L	98
29) Cyclohexane	5.546	56	168498	61.35	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	170573	52.29	ug/L	99
31) Carbon tetrachloride	5.752	117	142075	49.35	ug/L	100
33) Benzene	6.111	78	442758	57.56	ug/L	100
34) Trichloroethene	7.188	95	115439	55.75	ug/L	95
35) Methylcyclohexane	7.441	83	179858	60.89	ug/L	96
37) 1,2-Dichloropropane	7.488	63	110192	55.61	ug/L	98
38) Bromodichloromethane	7.876	83	153113	54.85	ug/L	98
39) cis-1,3-Dichloropropene	8.411	75	183250	59.67	ug/L	98
40) 4-Methyl-2-pentanone	8.617	43	271192	116.91	ug/L	97
42) Toluene	8.764	91	460432	56.99	ug/L	99
44) trans-1,3-Dichloropropene	9.017	75	171918	56.60	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.194	97	108890	53.79	ug/L	98
46) Tetrachloroethene	9.317	164	80438	51.31	ug/L	93
48) 2-Hexanone	9.470	43	203637	114.21	ug/L	99
49) Dibromochloromethane	9.565	129	114799	50.49	ug/L	96
50) 1,2-Dibromoethane	9.653	107	116207	55.76	ug/L	97
51) Chlorobenzene	10.118	112	287545	53.04	ug/L	98
52) Ethylbenzene	10.235	91	497848	55.90	ug/L	99
53) m,p-Xylene	10.341	106	190867	56.69	ug/L	97
54) o-Xylene	10.682	106	184408	56.60	ug/L	100
55) Styrene	10.694	104	321137	56.80	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.253	83	156344	52.19	ug/L	100
59) Bromoform	10.835	173	80434	49.60	ug/L	99
60) Isopropylbenzene	11.000	105	487270	57.63	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	126883	52.24	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	403278	58.02	ug/L	99
63) 1,2,4-Trimethylbenzene	11.788	105	400942	57.87	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	200469	51.56	ug/L	96
65) 1,4-Dichlorobenzene	12.083	146	205164	51.37	ug/L	93
67) 1,2-Dichlorobenzene	12.377	146	207128	52.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	34414	54.41	ug/L	90
69) 1,3,5-Trichlorobenzene	13.147	180	135796	51.07	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	127779	55.34	ug/L	98
71) Naphthalene	13.812	128	464559	62.08	ug/L	100
72) 1,2,3-Trichlorobenzene	14.000	180	129605	54.57	ug/L	99

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

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