

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017272.D
 Acq On : 08 Jul 2020 21:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 05:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	146	0.00
2 M	Dichlorodifluoromethane	1.459	1.081	25.9	125	0.00
3 M	Chloromethane	1.978	1.224	38.1#	91	0.00
4 M	Vinyl Chloride	2.017	1.255	37.8#	94	0.00
5 M	Bromomethane	1.453	0.877	39.6#	85	0.00
6 M	Chloroethane	1.301	0.817	37.2#	95	0.00
7 M	Trichlorofluoromethane	3.281	2.104	35.9#	98	0.00
8 T	Diethyl Ether	1.194	0.748	37.4#	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.741	1.158	33.5#	102	0.00
10 M	1,1-Dichloroethene	1.717	1.203	29.9	106	0.00
11	Methyl Iodide	2.293	1.155	49.6#	88	0.00
12	Methyl Acetate	2.166	1.669	22.9	117	0.00
13 M	Acrolein	0.342	0.279	18.4	128	0.00
14 M	Acrylonitrile	1.026	0.760	25.9	110	0.00
15 M	Acetone	0.266	0.206	22.6	117	0.00
16 M	Carbon Disulfide	5.399	3.249	39.8#	92	0.00
17	Allyl chloride	3.215	2.162	32.8#	99	0.00
18 M	Methylene Chloride	2.069	1.462	29.3	108	0.00
19 M	trans-1,2-Dichloroethene	1.946	1.369	29.7	108	0.00
20 T	Diisopropyl ether	6.425	4.487	30.2#	106	0.00
21 M	1,1-Dichloroethane	3.543	2.543	28.2	108	0.00
22 M	cis-1,2-Dichloroethene	2.166	1.532	29.3	107	0.00
23 M	tert-Butyl Alcohol	0.455	0.312	31.4#	103	0.00
24 M	Methyl tert-Butyl Ether	6.132	4.559	25.7	112	0.00
25 M	Chloroform	3.592	2.635	26.6	111	0.00
26	Cyclohexane	3.091	1.741	43.7#	85	0.00
27 s	1,2-Dichloroethane-d4	2.335	2.163	7.4	134	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	135	0.00
29	1,1-Dichloropropene	0.489	0.342	30.1#	98	0.00
30 M	2-Butanone	0.255	0.210	17.6	112	0.00
31	2,2-Dichloropropane	0.560	0.385	31.3#	95	0.00
32 M	1,1,1-Trichloroethane	0.591	0.469	20.6	111	0.00
33 M	Carbon Tetrachloride	0.524	0.410	21.8	109	0.00
34 M	Benzene	1.423	1.086	23.7	106	0.00
35	Methacrylonitrile	0.281	0.228	18.9	112	0.00
36 M	1,2-Dichloroethane	0.545	0.432	20.7	110	0.00
37 M	Trichloroethene	0.388	0.315	18.8	111	0.00
38	Methylcyclohexane	0.557	0.342	38.6#	88	0.00
39 M	1,2-Dichloropropane	0.371	0.288	22.4	109	0.00
40	Dibromomethane	0.256	0.205	19.9	112	0.00
41 M	Bromodichloromethane	0.529	0.425	19.7	111	0.00
42 M	Vinyl Acetate	1.027	0.780	24.1	106	0.00
43	Ethyl Acetate	0.528	0.426	19.3	111	0.00
44	Isopropyl Acetate	0.870	0.646	25.7	104	0.00
45 T	1,4-Dioxane	0.009	0.006#	33.3#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.402	0.315	21.6	109	0.00
47	n-amyl Acetate	0.769	0.541	29.6	103	0.00
48 M	t-1,3-Dichloropropene	0.585	0.430	26.5	107	0.00
49 T	cis-1,3-Dichloropropene	0.615	0.469	23.7	106	0.00
50 M	1,1,2-Trichloroethane	0.357	0.298	16.5	118	0.00
51	Ethyl methacrylate	0.547	0.423	22.7	110	0.00
52	1,3-Dichloropropane	0.612	0.501	18.1	110	0.00
53 M	Dibromochloromethane	0.410	0.356	13.2	124	0.00
54 M	1,2-Dibromoethane	0.378	0.326	13.8	122	0.00
55 M	2-Chloroethyl vinyl ether	0.288	0.240	16.7	117	0.00
56 M	Bromoform	0.291	0.278	4.5	141	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	136	0.00
58 M	4-Methyl-2-Pentanone	0.553	0.445	19.5	112	0.00
59 M	2-Hexanone	0.412	0.328	20.4	111	0.00
60 S	4-Bromofluorobenzene	0.500	0.504	-0.8	141	0.00
61 M	Tetrachloroethene	0.383	0.322	15.9	120	0.00
62 M	Toluene	1.641	1.221	25.6	105	0.00
63 S	Toluene-d8	1.322	1.289	2.5	132	0.00
64 M	Chlorobenzene	1.028	0.815	20.7	114	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.330	14.7	121	0.00
66 M	Ethyl Benzene	1.820	1.322	27.4	104	0.00
67 M	m/p-Xylenes	0.686	0.515	24.9	108	0.00
68 M	o-Xylene	0.659	0.487	26.1	105	0.00
69 M	Styrene	1.129	0.864	23.5	113	0.00
70	Isopropylbenzene	1.788	1.306	27.0	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.460	16.2	121	0.00
72	1,2,3-Trichloropropane	0.527	0.455	13.7	120	0.00
73	Bromobenzene	0.451	0.379	16.0	120	0.00
74	n-propylbenzene	2.123	1.464	31.0#	101	0.00
75	2-Chlorotoluene	1.238	0.934	24.6	111	0.00
76	1,3,5-Trimethylbenzene	1.501	1.115	25.7	109	0.00
77	t-1,4-Dichloro-2-butene	0.214	0.158	26.2	110	0.00
78	4-Chlorotoluene	1.466	1.109	24.4	111	0.00
79	tert-butylbenzene	1.438	1.075	25.2	109	0.00
80	1,2,4-Trimethylbenzene	1.507	1.132	24.9	109	0.00
81	sec-Butylbenzene	1.741	1.182	32.1#	100	0.00
82	p-Isopropyltoluene	1.572	1.118	28.9	104	0.00
83 M	1,3-Dichlorobenzene	0.809	0.652	19.4	117	0.00
84 M	1,4-Dichlorobenzene	0.813	0.673	17.2	120	0.00
85	n-Butylbenzene	1.455	0.914	37.2#	93	0.00
86 T	Hexachloroethane	0.308	0.219	28.9	103	0.00
87 M	1,2-Dichlorobenzene	0.757	0.650	14.1	124	0.00
88	1,2-Dibromo-3-Chloropropane	0.125	0.108	13.6	123	0.00
89	1,2,4-Trichlorobenzene	0.511	0.409	20.0	121	0.00
90	Hexachlorobutadiene	0.194	0.144	25.8	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.674	1.356	19.0	117	0.00
92	1,2,3-Trichlorobenzene	0.498	0.414	16.9	123	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0