

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120720\
 Data File : VX019753.D
 Acq On : 07 Dec 2020 16:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 08 06:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.458	0.537	-17.2	103	0.00
3 P	Chloromethane	0.538	0.536	0.4	96	0.00
4 C	Vinyl Chloride	0.568	0.643	-13.2#	103	0.00
5 T	Bromomethane	0.188	0.194	-3.2	94	0.00
6 T	Chloroethane	0.341	0.409	-19.9	106	0.00
7 T	Trichlorofluoromethane	0.791	0.909	-14.9	105	0.00
8 T	Diethyl Ether	0.335	0.376	-12.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.521	-15.0	105	0.00
10 T	Methyl Iodide	0.668	0.538	19.5	74	0.00
11 T	Tert butyl alcohol	0.145	0.149	-2.8	104	0.00
12 CM	1,1-Dichloroethene	0.458	0.516	-12.7#	103	0.00
13 T	Acrolein	0.073	0.083	-13.7	111	0.00
14 T	Allyl chloride	0.774	0.866	-11.9	104	0.00
15 T	Acrylonitrile	0.297	0.327	-10.1	103	0.00
16 T	Acetone	0.247	0.295	-19.4	110	0.00
17 T	Carbon Disulfide	1.314	1.430	-8.8	102	0.00
18 T	Methyl Acetate	0.604	0.678	-12.3	103	0.00
19 T	Methyl tert-butyl Ether	1.668	1.931	-15.8	106	0.00
20 T	Methylene Chloride	0.639	0.647	-1.3	103	0.00
21 T	trans-1,2-Dichloroethene	0.534	0.602	-12.7	103	0.00
22 T	Diisopropyl ether	1.564	1.803	-15.3	105	0.00
23 T	Vinyl Acetate	1.333	1.543	-15.8	104	0.00
24 P	1,1-Dichloroethane	0.943	1.067	-13.1	105	0.00
25 T	2-Butanone	0.380	0.432	-13.7	106	0.00
26 T	2,2-Dichloropropane	0.812	0.942	-16.0	106	0.00
27 T	cis-1,2-Dichloroethene	0.625	0.706	-13.0	106	0.00
28 T	Bromochloromethane	0.450	0.423	6.0	87	0.00
29 T	Tetrahydrofuran	0.245	0.266	-8.6	102	0.00
30 C	Chloroform	0.970	1.103	-13.7#	105	0.00
31 T	Cyclohexane	0.817	0.934	-14.3	103	0.00
32 T	1,1,1-Trichloroethane	0.835	0.961	-15.1	105	0.00
33 S	1,2-Dichloroethane-d4	0.657	0.587	10.7	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.323	0.304	5.9	89	0.00
36 T	1,1-Dichloropropene	0.452	0.518	-14.6	105	0.00
37 T	Ethyl Acetate	0.456	0.513	-12.5	105	0.00
38 T	Carbon Tetrachloride	0.442	0.517	-17.0	104	0.00
39 T	Methylcyclohexane	0.531	0.635	-19.6	106	0.00
40 TM	Benzene	1.380	1.587	-15.0	105	0.00
41 T	Methacrylonitrile	0.250	0.281	-12.4	103	0.00
42 TM	1,2-Dichloroethane	0.472	0.541	-14.6	103	0.00
43 T	Isopropyl Acetate	0.742	0.839	-13.1	104	0.00
44 TM	Trichloroethene	0.362	0.418	-15.5	104	0.00
45 C	1,2-Dichloropropane	0.345	0.398	-15.4#	105	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.233	0.268	-15.0	104	0.00
47 T	Bromodichloromethane	0.462	0.549	-18.8	106	0.00
48 T	Methyl methacrylate	0.365	0.420	-15.1	105	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	102	0.00
50 S	Toluene-d8	1.234	1.176	4.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.453	0.521	-15.0	104	0.00
52 CM	Toluene	0.863	1.008	-16.8#	105	0.00
53 T	t-1,3-Dichloropropene	0.513	0.614	-19.7	104	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.662	-18.9	104	0.00
55 T	1,1,2-Trichloroethane	0.348	0.407	-17.0	106	0.00
56 T	Ethyl methacrylate	0.526	0.630	-19.8	105	0.00
57 T	1,3-Dichloropropane	0.594	0.684	-15.2	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.279	0.352	-26.2#	114	0.00
59 T	2-Hexanone	0.351	0.411	-17.1	105	0.00
60 T	Dibromochloromethane	0.353	0.425	-20.4	105	0.00
61 T	1,2-Dibromoethane	0.369	0.433	-17.3	107	0.00
62 S	4-Bromofluorobenzene	0.470	0.458	2.6	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.335	0.392	-17.0	107	0.00
65 PM	Chlorobenzene	0.996	1.142	-14.7	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.429	-19.5	107	0.00
67 C	Ethyl Benzene	1.768	2.076	-17.4#	105	0.00
68 T	m/p-Xylenes	0.666	0.788	-18.3	106	0.00
69 T	o-Xylene	0.641	0.763	-19.0	106	0.00
70 T	Styrene	1.082	1.303	-20.4	105	0.00
71 P	Bromoform	0.282	0.342	-21.3	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.416	4.044	-18.4	106	0.00
74 T	N-amyl acetate	1.369	1.584	-15.7	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.204	1.364	-13.3	102	0.00
76 T	1,2,3-Trichloropropane	1.121	1.303	-16.2	105	0.00
77 T	Bromobenzene	0.874	1.024	-17.2	107	0.00
78 T	n-propylbenzene	3.902	4.715	-20.8	106	0.00
79 T	2-Chlorotoluene	2.403	2.802	-16.6	105	0.00
80 T	1,3,5-Trimethylbenzene	2.883	3.474	-20.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.388	0.475	-22.4	106	0.00
82 T	4-Chlorotoluene	2.814	3.295	-17.1	105	0.00
83 T	tert-Butylbenzene	2.828	3.428	-21.2	106	0.00
84 T	1,2,4-Trimethylbenzene	2.904	3.515	-21.0	105	0.00
85 T	sec-Butylbenzene	3.228	3.947	-22.3	106	0.00
86 T	p-Isopropyltoluene	2.959	3.679	-24.3	107	0.00
87 T	1,3-Dichlorobenzene	1.604	1.854	-15.6	103	0.00
88 T	1,4-Dichlorobenzene	1.634	1.871	-14.5	104	0.00
89 T	n-Butylbenzene	2.621	3.238	-23.5	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.511	0.633	-23.9	109	0.00
91 T	1,2-Dichlorobenzene	1.564	1.801	-15.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.292	-12.7	102	0.00
93 T	1,2,4-Trichlorobenzene	1.018	1.196	-17.5	102	0.00
94 T	Hexachlorobutadiene	0.455	0.524	-15.2	106	0.00
95 T	Naphthalene	3.301	3.886	-17.7	102	0.00
96 T	1,2,3-Trichlorobenzene	0.995	1.159	-16.5	101	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6