

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031120\  
 Data File : VX015185.D  
 Acq On : 11 Mar 2020 08:53  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Mar 12 06:25:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	89	0.00
2 T	Dichlorodifluoromethane	0.438	0.418	4.6	88	0.00
3 P	Chloromethane	0.620	0.558	10.0	86	0.00
4 C	Vinyl Chloride	0.629	0.569	9.5#	84	0.00
5 T	Bromomethane	0.387	0.322	16.8	78	0.00
6 T	Chloroethane	0.377	0.332	11.9	81	0.00
7 T	Trichlorofluoromethane	0.748	0.665	11.1	81	0.00
8 T	Diethyl Ether	0.339	0.299	11.8	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.471	0.434	7.9	84	0.00
10 T	Methyl Iodide	0.532	0.452	15.0	70	0.00
11 T	Tert butyl alcohol	0.103	0.086	16.5	77	0.00
12 CM	1,1-Dichloroethene	0.486	0.423	13.0#	81	0.00
13 T	Acrolein	0.097	0.085	12.4	82	0.00
14 T	Allyl chloride	0.847	0.787	7.1	84	0.00
15 T	Acrylonitrile	0.256	0.232	9.4	81	0.00
16 T	Acetone	0.240	0.250	-4.2	95	0.00
17 T	Carbon Disulfide	1.349	1.187	12.0	81	0.00
18 T	Methyl Acetate	0.587	0.521	11.2	84	0.00
19 T	Methyl tert-butyl Ether	1.518	1.421	6.4	83	0.00
20 T	Methylene Chloride	0.562	0.503	10.5	87	0.00
21 T	trans-1,2-Dichloroethene	0.519	0.479	7.7	85	0.00
22 T	Diisopropyl ether	1.688	1.632	3.3	85	0.00
23 T	Vinyl Acetate	1.388	1.348	2.9	83	0.00
24 P	1,1-Dichloroethane	0.937	0.871	7.0	85	0.00
25 T	2-Butanone	0.352	0.349	0.9	86	0.00
26 T	2,2-Dichloropropane	0.744	0.700	5.9	85	0.00
27 T	cis-1,2-Dichloroethene	0.582	0.541	7.0	84	0.00
28 T	Bromochloromethane	0.427	0.435	-1.9	90	0.00
29 T	Tetrahydrofuran	0.227	0.203	10.6	80	-0.01
30 C	Chloroform	0.913	0.864	5.4#	86	0.00
31 T	Cyclohexane	0.836	0.770	7.9	83	0.00
32 T	1,1,1-Trichloroethane	0.757	0.732	3.3	86	0.00
33 S	1,2-Dichloroethane-d4	0.593	0.572	3.5	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.315	0.317	-0.6	89	0.00
36 T	1,1-Dichloropropene	0.462	0.444	3.9	85	0.00
37 T	Ethyl Acetate	0.429	0.427	0.5	80	0.00
38 T	Carbon Tetrachloride	0.436	0.434	0.5	86	0.00
39 T	Methylcyclohexane	0.540	0.535	0.9	85	0.00
40 TM	Benzene	1.371	1.325	3.4	83	0.00
41 T	Methacrylonitrile	0.258	0.243	5.8	82	0.00
42 TM	1,2-Dichloroethane	0.471	0.471	0.0	86	0.00
43 T	Isopropyl Acetate	0.754	0.717	4.9	80	0.00
44 TM	Trichloroethene	0.382	0.366	4.2	84	0.00
45 C	1,2-Dichloropropane	0.355	0.350	1.4#	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.231	0.225	2.6	85	0.00
47 T	Bromodichloromethane	0.457	0.470	-2.8	88	0.00
48 T	Methyl methacrylate	0.384	0.362	5.7	81	0.00
49 T	1,4-Dioxane	0.008	0.007	12.5	80	-0.01
50 S	Toluene-d8	1.200	1.209	-0.8	87	0.00
51 T	4-Methyl-2-Pentanone	0.446	0.443	0.7	82	0.00
52 CM	Toluene	0.839	0.849	-1.2#	85	0.00
53 T	t-1,3-Dichloropropene	0.487	0.501	-2.9	84	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.557	-1.3	85	0.00
55 T	1,1,2-Trichloroethane	0.345	0.344	0.3	86	0.00
56 T	Ethyl methacrylate	0.492	0.503	-2.2	82	0.00
57 T	1,3-Dichloropropane	0.581	0.580	0.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.268	0.290	-8.2	91	0.00
59 T	2-Hexanone	0.331	0.347	-4.8	85	0.00
60 T	Dibromochloromethane	0.363	0.369	-1.7	86	0.00
61 T	1,2-Dibromoethane	0.363	0.352	3.0	85	0.00
62 S	4-Bromofluorobenzene	0.428	0.437	-2.1	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.413	0.411	0.5	88	0.00
65 PM	Chlorobenzene	1.004	0.980	2.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.365	3.7	86	0.00
67 C	Ethyl Benzene	1.705	1.741	-2.1#	87	0.00
68 T	m/p-Xylenes	0.649	0.673	-3.7	88	0.00
69 T	o-Xylene	0.621	0.633	-1.9	86	0.00
70 T	Styrene	1.065	1.109	-4.1	87	0.00
71 P	Bromoform	0.294	0.293	0.3	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.194	3.196	-0.1	86	0.00
74 T	N-amyl acetate	1.346	1.255	6.8	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.064	0.973	8.6	85	0.00
76 T	1,2,3-Trichloropropane	0.997	0.806	19.2	73	0.00
77 T	Bromobenzene	0.890	0.826	7.2	86	0.00
78 T	n-propylbenzene	3.649	3.778	-3.5	89	0.00
79 T	2-Chlorotoluene	2.179	2.153	1.2	89	0.00
80 T	1,3,5-Trimethylbenzene	2.659	2.723	-2.4	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.351	0.325	7.4	82	0.00
82 T	4-Chlorotoluene	2.575	2.566	0.3	89	0.00
83 T	tert-Butylbenzene	2.571	2.502	2.7	85	0.00
84 T	1,2,4-Trimethylbenzene	2.671	2.716	-1.7	88	0.00
85 T	sec-Butylbenzene	3.104	3.139	-1.1	88	0.00
86 T	p-Isopropyltoluene	2.859	2.946	-3.0	88	0.00
87 T	1,3-Dichlorobenzene	1.565	1.514	3.3	89	0.00
88 T	1,4-Dichlorobenzene	1.616	1.542	4.6	91	0.00
89 T	n-Butylbenzene	2.543	2.711	-6.6	91	0.00

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90 T	Hexachloroethane	0.541	0.524	3.1	89	0.00
91 T	1,2-Dichlorobenzene	1.556	1.521	2.2	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.213	0.200	6.1	82	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.099	-1.8	91	0.00
94 T	Hexachlorobutadiene	0.554	0.530	4.3	88	0.00
95 T	Naphthalene	2.952	2.999	-1.6	84	0.00
96 T	1,2,3-Trichlorobenzene	1.077	1.094	-1.6	89	0.00

(#) = Out of Range

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