

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092420\  
 Data File : VN063645.D  
 Acq On : 24 Sep 2020 21:51  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 25 05:22:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 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	86	0.00
2 T	Dichlorodifluoromethane	0.566	0.477	15.7	73	0.00
3 P	Chloromethane	0.749	0.626	16.4	75	0.00
4 C	Vinyl Chloride	0.664	0.613	7.7#	78	0.00
5 T	Bromomethane	0.394	0.384	2.5	87	0.00
6 T	Chloroethane	0.408	0.396	2.9	88	0.00
7 T	Trichlorofluoromethane	0.991	0.968	2.3	84	0.00
8 T	Diethyl Ether	0.386	0.360	6.7	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.496	11.0	77	0.00
10 T	Methyl Iodide	0.725	0.672	7.3	78	0.00
11 T	Tert butyl alcohol	0.118	0.101	14.4	74	0.00
12 CM	1,1-Dichloroethene	0.564	0.496	12.1#	75	0.00
13 T	Acrolein	0.044	0.050	-13.6	94	0.00
14 T	Allyl chloride	1.116	0.953	14.6	72	0.00
15 T	Acrylonitrile	0.300	0.289	3.7	81	0.00
16 T	Acetone	0.274	0.260	5.1	85	0.00
17 T	Carbon Disulfide	1.641	1.273	22.4#	66	0.00
18 T	Methyl Acetate	0.694	0.733	-5.6	92	0.00
19 T	Methyl tert-butyl Ether	2.103	1.977	6.0	82	0.00
20 T	Methylene Chloride	0.693	0.652	5.9	85	0.00
21 T	trans-1,2-Dichloroethene	0.625	0.546	12.6	76	0.00
22 T	Diisopropyl ether	2.276	2.127	6.5	82	0.00
23 T	Vinyl Acetate	1.869	1.766	5.5	79	0.00
24 P	1,1-Dichloroethane	1.243	1.148	7.6	79	0.00
25 T	2-Butanone	0.421	0.411	2.4	83	0.00
26 T	2,2-Dichloropropane	1.094	0.804	26.5#	64	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.657	7.2	78	0.00
28 T	Bromochloromethane	0.574	0.562	2.1	87	0.00
29 T	Tetrahydrofuran	0.287	0.269	6.3	82	0.00
30 C	Chloroform	1.247	1.201	3.7#	83	0.00
31 T	Cyclohexane	1.176	0.880	25.2#	68	0.00
32 T	1,1,1-Trichloroethane	1.109	1.053	5.0	82	0.00
33 S	1,2-Dichloroethane-d4	0.851	0.827	2.8	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.346	0.335	3.2	86	0.00
36 T	1,1-Dichloropropene	0.533	0.479	10.1	77	0.00
37 T	Ethyl Acetate	0.523	0.508	2.9	81	0.00
38 T	Carbon Tetrachloride	0.544	0.512	5.9	79	0.00
39 T	Methylcyclohexane	0.578	0.457	20.9#	67	0.00
40 TM	Benzene	1.521	1.430	6.0	80	0.00
41 T	Methacrylonitrile	0.235	0.248	-5.5	88	0.00
42 TM	1,2-Dichloroethane	0.612	0.615	-0.5	85	0.00
43 T	Isopropyl Acetate	0.935	0.875	6.4	80	0.00
44 TM	Trichloroethene	0.369	0.350	5.1	82	0.00
45 C	1,2-Dichloropropane	0.414	0.395	4.6#	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.272	0.269	1.1	83	0.00
47 T	Bromodichloromethane	0.565	0.567	-0.4	85	0.00
48 T	Methyl methacrylate	0.459	0.432	5.9	80	0.00
49 T	1,4-Dioxane	0.007	0.006	14.3	77	0.00
50 S	Toluene-d8	1.302	1.225	5.9	82	0.00
51 T	4-Methyl-2-Pentanone	0.523	0.529	-1.1	85	0.00
52 CM	Toluene	0.914	0.895	2.1#	81	0.00
53 T	t-1,3-Dichloropropene	0.631	0.585	7.3	78	0.00
54 T	cis-1,3-Dichloropropene	0.666	0.611	8.3	76	0.00
55 T	1,1,2-Trichloroethane	0.363	0.371	-2.2	86	0.00
56 T	Ethyl methacrylate	0.567	0.555	2.1	82	0.00
57 T	1,3-Dichloropropane	0.655	0.641	2.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.278	6.4	81	0.00
59 T	2-Hexanone	0.379	0.384	-1.3	85	0.00
60 T	Dibromochloromethane	0.410	0.411	-0.2	84	0.00
61 T	1,2-Dibromoethane	0.377	0.387	-2.7	86	0.00
62 S	4-Bromofluorobenzene	0.477	0.466	2.3	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.340	0.347	-2.1	90	0.00
65 PM	Chlorobenzene	1.061	1.003	5.5	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.387	0.5	84	0.00
67 C	Ethyl Benzene	1.999	1.840	8.0#	79	0.00
68 T	m/p-Xylenes	0.721	0.681	5.5	81	0.00
69 T	o-Xylene	0.686	0.658	4.1	81	0.00
70 T	Styrene	1.151	1.143	0.7	81	0.00
71 P	Bromoform	0.290	0.299	-3.1	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	4.007	3.734	6.8	80	0.00
74 T	N-amyl acetate	1.897	1.773	6.5	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.241	1.206	2.8	86	0.00
76 T	1,2,3-Trichloropropane	1.238	1.150	7.1	87	0.00
77 T	Bromobenzene	0.901	0.898	0.3	86	0.00
78 T	n-propylbenzene	4.667	4.326	7.3	80	0.00
79 T	2-Chlorotoluene	2.797	2.649	5.3	83	0.00
80 T	1,3,5-Trimethylbenzene	3.341	3.202	4.2	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.451	0.395	12.4	77	0.00
82 T	4-Chlorotoluene	2.956	2.788	5.7	82	0.00
83 T	tert-Butylbenzene	2.758	2.501	9.3	78	0.00
84 T	1,2,4-Trimethylbenzene	3.375	3.171	6.0	79	0.00
85 T	sec-Butylbenzene	3.691	3.367	8.8	78	0.00
86 T	p-Isopropyltoluene	3.256	2.995	8.0	78	0.00
87 T	1,3-Dichlorobenzene	1.671	1.599	4.3	82	0.00
88 T	1,4-Dichlorobenzene	1.698	1.607	5.4	81	0.00
89 T	n-Butylbenzene	3.001	2.638	12.1	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.620	0.540	12.9	75	0.00
91 T	1,2-Dichlorobenzene	1.640	1.616	1.5	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.265	10.2	76	0.00
93 T	1,2,4-Trichlorobenzene	0.967	0.832	14.0	71	0.00
94 T	Hexachlorobutadiene	0.400	0.401	-0.3	85	0.00
95 T	Naphthalene	3.194	2.765	13.4	71	0.00
96 T	1,2,3-Trichlorobenzene	0.934	0.830	11.1	73	0.00

(#) = Out of Range

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