

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093022\  
 Data File : VN074660.D  
 Acq On : 30 Sep 2022 11:40  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleID :  
 VSTDCCC050

Quant Time: Oct 03 02:04:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 30 07:44:59 2022  
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	100	0.00
2 T	Dichlorodifluoromethane	1.047	1.012	3.3	99	0.00
3 P	Chloromethane	1.531	1.445	5.6	100	0.00
4 C	Vinyl Chloride	2.224	2.178	2.1#	100	0.00
5 T	Bromomethane	1.536	1.581	-2.9	100	0.01
6 T	Chloroethane	1.709	1.592	6.8	92	0.00
7 T	Trichlorofluoromethane	1.546	1.436	7.1	98	0.00
8 T	Diethyl Ether	0.734	0.658	10.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.921	0.866	6.0	102	0.00
10 T	Methyl Iodide	1.095	1.092	0.3	98	0.00
11 T	Tert butyl alcohol	0.335	0.287	14.3	91	0.00
12 CM	1,1-Dichloroethene	0.934	0.845	9.5#	96	0.00
13 T	Acrolein	0.145	0.140	3.4	102	0.00
14 T	Allyl chloride	2.017	1.940	3.8	99	0.00
15 T	Acrylonitrile	0.790	0.767	2.9	96	0.00
16 T	Acetone	0.676	0.716	-5.9	116	0.00
17 T	Carbon Disulfide	2.725	2.541	6.8	98	0.00
18 T	Methyl Acetate	2.315	2.163	6.6	96	0.00
19 T	Methyl tert-butyl Ether	3.564	3.425	3.9	98	0.00
20 T	Methylene Chloride	1.284	1.079	16.0	96	0.00
21 T	trans-1,2-Dichloroethene	1.020	0.937	8.1	98	0.00
22 T	Diisopropyl ether	4.103	4.076	0.7	101	0.00
23 T	Vinyl Acetate	3.607	3.579	0.8	98	0.00
24 P	1,1-Dichloroethane	2.094	2.049	2.1	99	0.00
25 T	2-Butanone	1.153	1.141	1.0	100	0.00
26 T	2,2-Dichloropropane	1.781	1.719	3.5	100	0.00
27 T	cis-1,2-Dichloroethene	1.248	1.174	5.9	101	0.00
28 T	Bromochloromethane	0.954	0.984	-3.1	95	0.00
29 T	Tetrahydrofuran	0.761	0.761	0.0	98	0.00
30 C	Chloroform	1.930	1.949	-1.0#	99	0.00
31 T	Cyclohexane	2.036	1.901	6.6	97	0.00
32 T	1,1,1-Trichloroethane	1.693	1.676	1.0	99	0.00
33 S	1,2-Dichloroethane-d4	1.253	1.215	3.0	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.529	0.506	4.3	92	0.00
36 T	1,1-Dichloropropene	0.848	0.860	-1.4	100	0.00
37 T	Ethyl Acetate	1.252	1.264	-1.0	98	0.00
38 T	Carbon Tetrachloride	0.776	0.809	-4.3	99	-0.01
39 T	Methylcyclohexane	1.058	1.100	-4.0	102	0.00
40 TM	Benzene	2.612	2.687	-2.9	100	0.00
41 T	Methacrylonitrile	0.549	0.569	-3.6	95	0.00
42 TM	1,2-Dichloroethane	0.878	0.894	-1.8	101	0.00
43 T	Isopropyl Acetate	2.005	2.050	-2.2	99	0.00
44 TM	Trichloroethene	0.544	0.563	-3.5	99	0.00
45 C	1,2-Dichloropropane	0.711	0.717	-0.8#	99	0.00
46 T	Dibromomethane	0.448	0.447	0.2	98	0.00
47 T	Bromodichloromethane	0.876	0.886	-1.1	97	0.00
48 T	Methyl methacrylate	0.826	0.835	-1.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.016	0.015	6.3	93	0.00
50 S	Toluene-d8	2.226	2.227	-0.0	95	0.00
51 T	4-Methyl-2-Pentanone	1.269	1.339	-5.5	100	0.00
52 CM	Toluene	1.577	1.668	-5.8#	98	0.00
53 T	t-1,3-Dichloropropene	0.993	1.093	-10.1	101	0.00
54 T	cis-1,3-Dichloropropene	1.094	1.144	-4.6	102	0.00
55 T	1,1,2-Trichloroethane	0.636	0.650	-2.2	101	0.00
56 T	Ethyl methacrylate	1.097	1.194	-8.8	99	0.00
57 T	1,3-Dichloropropane	1.125	1.183	-5.2	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.448	0.506	-12.9	109	0.00
59 T	2-Hexanone	0.959	1.024	-6.8	100	0.00
60 T	Dibromochloromethane	0.612	0.672	-9.8	103	0.00
61 T	1,2-Dibromoethane	0.623	0.661	-6.1	98	0.00
62 S	4-Bromofluorobenzene	0.706	0.739	-4.7	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.423	0.426	-0.7	102	0.00
65 PM	Chlorobenzene	1.496	1.554	-3.9	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.534	0.563	-5.4	100	0.00
67 C	Ethyl Benzene	2.799	2.992	-6.9#	101	0.00
68 T	m/p-Xylenes	1.060	1.154	-8.9	102	0.00
69 T	o-Xylene	1.065	1.133	-6.4	100	0.00
70 T	Styrene	1.699	1.922	-13.1	101	0.00
71 P	Bromoform	0.428	0.453	-5.8	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.684	4.519	3.5	104	0.00
74 T	N-amyl acetate	2.869	2.569	10.5	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.782	1.602	10.1	101	0.00
76 T	1,2,3-Trichloropropane	1.338	1.082	19.1	94	0.00
77 T	Bromobenzene	1.003	0.907	9.6	102	0.00
78 T	n-propylbenzene	5.403	5.441	-0.7	104	0.00
79 T	2-Chlorotoluene	3.247	3.045	6.2	100	0.00
80 T	1,3,5-Trimethylbenzene	3.738	3.808	-1.9	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.598	0.609	-1.8	103	0.00
82 T	4-Chlorotoluene	3.021	3.088	-2.2	105	0.00
83 T	tert-Butylbenzene	3.338	3.267	2.1	103	0.00
84 T	1,2,4-Trimethylbenzene	3.733	3.827	-2.5	105	0.00
85 T	sec-Butylbenzene	4.691	4.823	-2.8	104	0.00
86 T	p-Isopropyltoluene	3.716	3.968	-6.8	106	0.00
87 T	1,3-Dichlorobenzene	1.821	1.809	0.7	101	0.00
88 T	1,4-Dichlorobenzene	1.861	1.858	0.2	104	0.00
89 T	n-Butylbenzene	3.279	3.510	-7.0	106	0.00
90 T	Hexachloroethane	0.800	0.762	4.8	103	0.00
91 T	1,2-Dichlorobenzene	1.900	1.850	2.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.359	0.319	11.1	97	0.00
93 T	1,2,4-Trichlorobenzene	0.849	0.868	-2.2	107	0.00
94 T	Hexachlorobutadiene	0.415	0.384	7.5	109	0.00
95 T	Naphthalene	3.321	3.366	-1.4	101	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.845	0.847	-0.2	103	0.00

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6