

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071952.D
 Acq On : 11 Apr 2022 21:42
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDC0050

Quant Time: Apr 12 08:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 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	96	0.00
2 T	Dichlorodifluoromethane	0.398	0.345	13.3	80	0.00
3 P	Chloromethane	0.504	0.399	20.8	80	0.00
4 C	Vinyl Chloride	0.553	0.449	18.8#	76	0.00
5 T	Bromomethane	0.360	0.279	22.5	73	-0.02
6 T	Chloroethane	0.398	0.310	22.1	75	-0.01
7 T	Trichlorofluoromethane	0.704	0.676	4.0	91	-0.01
8 T	Diethyl Ether	0.297	0.319	-7.4	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.435	-0.2	96	-0.01
10 T	Methyl Iodide	0.606	0.586	3.3	89	0.00
11 T	Tert butyl alcohol	0.093	0.116	-24.7	111	0.01
12 CM	1,1-Dichloroethene	0.413	0.408	1.2#	94	-0.01
13 T	Acrolein	0.113	0.118	-4.4	93	0.00
14 T	Allyl chloride	0.670	0.662	1.2	92	0.00
15 T	Acrylonitrile	0.269	0.330	-22.7	110	0.00
16 T	Acetone	0.244	0.237	2.9	98	0.00
17 T	Carbon Disulfide	0.947	0.737	22.2	77	0.00
18 T	Methyl Acetate	0.737	0.709	3.8	109	0.00
19 T	Methyl tert-butyl Ether	1.533	1.709	-11.5	102	0.00
20 T	Methylene Chloride	0.514	0.532	-3.5	101	0.00
21 T	trans-1,2-Dichloroethene	0.453	0.440	2.9	94	0.00
22 T	Diisopropyl ether	1.458	1.571	-7.8	99	0.00
23 T	Vinyl Acetate	1.160	1.327	-14.4	97	0.00
24 P	1,1-Dichloroethane	0.856	0.912	-6.5	99	0.00
25 T	2-Butanone	0.352	0.402	-14.2	105	0.00
26 T	2,2-Dichloropropane	0.735	0.666	9.4	83	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.594	-6.8	100	0.00
28 T	Bromochloromethane	0.345	0.350	-1.4	107	0.00
29 T	Tetrahydrofuran	0.228	0.261	-14.5	102	0.00
30 C	Chloroform	0.904	0.966	-6.9#	100	0.00
31 T	Cyclohexane	0.776	0.686	11.6	88	0.00
32 T	1,1,1-Trichloroethane	0.773	0.807	-4.4	98	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.572	-0.2	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.294	0.319	-8.5	104	0.00
36 T	1,1-Dichloropropene	0.411	0.401	2.4	93	0.00
37 T	Ethyl Acetate	0.450	0.491	-9.1	98	0.00
38 T	Carbon Tetrachloride	0.403	0.418	-3.7	97	0.00
39 T	Methylcyclohexane	0.489	0.471	3.7	88	0.00
40 TM	Benzene	1.298	1.337	-3.0	99	0.00
41 T	Methacrylonitrile	0.220	0.265	-20.5	111	0.00
42 TM	1,2-Dichloroethane	0.449	0.445	0.9	96	0.00
43 T	Isopropyl Acetate	0.748	0.962	-28.6#	126	0.00
44 TM	Trichloroethene	0.334	0.345	-3.3	97	0.00
45 C	1,2-Dichloropropane	0.324	0.353	-9.0#	104	0.00
46 T	Dibromomethane	0.220	0.233	-5.9	100	0.00
47 T	Bromodichloromethane	0.433	0.485	-12.0	102	0.00
48 T	Methyl methacrylate	0.310	0.354	-14.2	104	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.009	-12.5	111	0.00
50 S	Toluene-d8	1.204	1.270	-5.5	101	0.00
51 T	4-Methyl-2-Pentanone	0.430	0.512	-19.1	105	0.00
52 CM	Toluene	0.820	0.874	-6.6#	99	0.00
53 T	t-1,3-Dichloropropene	0.454	0.517	-13.9	101	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.555	-10.6	99	0.00
55 T	1,1,2-Trichloroethane	0.338	0.379	-12.1	106	0.00
56 T	Ethyl methacrylate	0.482	0.597	-23.9	108	0.00
57 T	1,3-Dichloropropane	0.565	0.629	-11.3	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.111	0.147	-32.4#	102	0.00
59 T	2-Hexanone	0.303	0.369	-21.8	104	0.00
60 T	Dibromochloromethane	0.329	0.395	-20.1	106	0.00
61 T	1,2-Dibromoethane	0.332	0.372	-12.0	103	0.00
62 S	4-Bromofluorobenzene	0.389	0.423	-8.7	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.330	0.323	2.1	97	0.00
65 PM	Chlorobenzene	1.001	1.067	-6.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.405	-12.2	106	0.00
67 C	Ethyl Benzene	1.695	1.830	-8.0#	99	0.00
68 T	m/p-Xylenes	0.651	0.712	-9.4	99	0.00
69 T	o-Xylene	0.646	0.723	-11.9	101	0.00
70 T	Styrene	0.979	1.171	-19.6	102	0.00
71 P	Bromoform	0.275	0.341	-24.0	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.213	4.547	-7.9	101	0.00
74 T	N-amyl acetate	1.207	1.420	-17.6	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.406	1.528	-8.7	105	0.00
76 T	1,2,3-Trichloropropane	1.158	1.337	-15.5	110	0.00
77 T	Bromobenzene	1.056	1.096	-3.8	100	0.00
78 T	n-propylbenzene	4.432	4.844	-9.3	98	0.00
79 T	2-Chlorotoluene	2.842	3.044	-7.1	101	0.00
80 T	1,3,5-Trimethylbenzene	3.338	3.662	-9.7	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.374	0.438	-17.1	100	0.00
82 T	4-Chlorotoluene	2.635	2.815	-6.8	98	0.00
83 T	tert-Butylbenzene	3.052	3.389	-11.0	101	0.00
84 T	1,2,4-Trimethylbenzene	3.257	3.628	-11.4	101	0.00
85 T	sec-Butylbenzene	3.956	4.470	-13.0	100	0.00
86 T	p-Isopropyltoluene	3.154	3.656	-15.9	100	0.00
87 T	1,3-Dichlorobenzene	1.683	1.809	-7.5	98	0.00
88 T	1,4-Dichlorobenzene	1.642	1.749	-6.5	98	0.00
89 T	n-Butylbenzene	2.339	2.689	-15.0	97	0.00
90 T	Hexachloroethane	0.577	0.667	-15.6	102	0.00
91 T	1,2-Dichlorobenzene	1.652	1.763	-6.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.218	0.265	-21.6	105	0.00
93 T	1,2,4-Trichlorobenzene	0.649	0.850	-31.0#	99	0.00
94 T	Hexachlorobutadiene	0.487	0.496	-1.8	96	0.00
95 T	Naphthalene	1.586	2.594	-63.6#	110	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.604	0.873	-44.5#	106	0.00

(#) = Out of Range

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