

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077316.D
 Acq On : 13 Apr 2023 09:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 14 07:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 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	93	0.00
2 T	Dichlorodifluoromethane	0.638	0.522	18.2	78	0.00
3 P	Chloromethane	0.791	0.587	25.8#	76	0.00
4 C	Vinyl Chloride	1.072	0.898	16.2#	79	0.00
5 T	Bromomethane	0.777	0.639	17.8	84	0.00
6 T	Chloroethane	0.765	0.597	22.0	78	0.00
7 T	Trichlorofluoromethane	0.930	0.871	6.3	89	0.00
8 T	Diethyl Ether	0.390	0.351	10.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.537	5.6	94	0.00
10 T	Methyl Iodide	0.692	0.655	5.3	85	0.00
11 T	Tert butyl alcohol	0.139	0.102	26.6#	68	-0.01
12 CM	1,1-Dichloroethene	0.586	0.520	11.3#	88	0.00
13 T	Acrolein	0.132	0.096	27.3#	75	0.00
14 T	Allyl chloride	0.885	0.615	30.5#	70	0.00
15 T	Acrylonitrile	0.308	0.254	17.5	75	0.00
16 T	Acetone	0.252	0.241	4.4	93	0.00
17 T	Carbon Disulfide	1.579	1.338	15.3	80	0.00
18 T	Methyl Acetate	0.960	0.772	19.6	74	0.00
19 T	Methyl tert-butyl Ether	2.078	1.908	8.2	85	0.00
20 T	Methylene Chloride	0.712	0.617	13.3	87	0.00
21 T	trans-1,2-Dichloroethene	0.641	0.588	8.3	86	0.00
22 T	Diisopropyl ether	1.774	1.611	9.2	83	0.00
23 T	Vinyl Acetate	1.199	1.208	-0.8	88	0.00
24 P	1,1-Dichloroethane	1.145	1.060	7.4	86	0.00
25 T	2-Butanone	0.409	0.344	15.9	79	0.00
26 T	2,2-Dichloropropane	1.050	1.046	0.4	94	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.740	5.5	90	0.00
28 T	Bromochloromethane	0.461	0.437	5.2	103	0.00
29 T	Tetrahydrofuran	0.263	0.205	22.1	71	0.00
30 C	Chloroform	1.221	1.165	4.6#	89	0.00
31 T	Cyclohexane	1.062	0.899	15.3	86	0.00
32 T	1,1,1-Trichloroethane	1.111	1.056	5.0	90	0.00
33 S	1,2-Dichloroethane-d4	0.683	0.696	-1.9	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.320	0.334	-4.4	101	0.00
36 T	1,1-Dichloropropene	0.473	0.452	4.4	87	0.00
37 T	Ethyl Acetate	0.424	0.355	16.3	76	0.00
38 T	Carbon Tetrachloride	0.485	0.472	2.7	90	0.00
39 T	Methylcyclohexane	0.638	0.620	2.8	91	0.00
40 TM	Benzene	1.477	1.376	6.8	85	0.00
41 T	Methacrylonitrile	0.228	0.178	21.9	72	0.00
42 TM	1,2-Dichloroethane	0.454	0.431	5.1	86	0.00
43 T	Isopropyl Acetate	0.782	0.644	17.6	77	0.00
44 TM	Trichloroethene	0.353	0.343	2.8	89	0.00
45 C	1,2-Dichloropropane	0.351	0.337	4.0#	88	0.00
46 T	Dibromomethane	0.264	0.250	5.3	88	0.00
47 T	Bromodichloromethane	0.528	0.498	5.7	89	0.00
48 T	Methyl methacrylate	0.333	0.281	15.6	77	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	78	0.00
50 S	Toluene-d8	1.289	1.305	-1.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.452	0.375	17.0	73	0.00
52 CM	Toluene	0.967	0.935	3.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.573	0.567	1.0	87	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.601	1.6	88	0.00
55 T	1,1,2-Trichloroethane	0.379	0.358	5.5	87	0.00
56 T	Ethyl methacrylate	0.591	0.552	6.6	83	0.00
57 T	1,3-Dichloropropane	0.627	0.598	4.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.162	8.0	79	0.00
59 T	2-Hexanone	0.337	0.286	15.1	76	0.00
60 T	Dibromochloromethane	0.391	0.395	-1.0	88	0.00
61 T	1,2-Dibromoethane	0.379	0.366	3.4	86	0.00
62 S	4-Bromofluorobenzene	0.429	0.456	-6.3	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.309	0.293	5.2	88	0.00
65 PM	Chlorobenzene	1.101	1.073	2.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.387	7.2	86	0.00
67 C	Ethyl Benzene	2.031	1.999	1.6#	89	0.00
68 T	m/p-Xylenes	0.798	0.776	2.8	86	0.00
69 T	o-Xylene	0.787	0.767	2.5	86	0.00
70 T	Styrene	1.267	1.263	0.3	86	0.00
71 P	Bromoform	0.293	0.281	4.1	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	4.856	4.479	7.8	89	0.00
74 T	N-amyl acetate	1.840	1.452	21.1	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.524	1.287	15.6	83	0.00
76 T	1,2,3-Trichloropropane	1.191	1.084	9.0	81	0.00
77 T	Bromobenzene	0.987	0.897	9.1	88	0.00
78 T	n-propylbenzene	5.366	5.114	4.7	89	0.00
79 T	2-Chlorotoluene	3.231	2.948	8.8	88	0.00
80 T	1,3,5-Trimethylbenzene	3.879	3.721	4.1	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.529	0.486	8.1	87	0.00
82 T	4-Chlorotoluene	3.046	2.862	6.0	87	0.00
83 T	tert-Butylbenzene	3.453	3.194	7.5	89	0.00
84 T	1,2,4-Trimethylbenzene	3.832	3.700	3.4	87	0.00
85 T	sec-Butylbenzene	4.812	4.665	3.1	89	0.00
86 T	p-Isopropyltoluene	3.782	3.799	-0.4	88	0.00
87 T	1,3-Dichlorobenzene	1.827	1.765	3.4	88	0.00
88 T	1,4-Dichlorobenzene	1.802	1.751	2.8	89	0.00
89 T	n-Butylbenzene	3.139	3.292	-4.9	91	0.00
90 T	Hexachloroethane	0.827	0.776	6.2	90	0.00
91 T	1,2-Dichlorobenzene	1.828	1.727	5.5	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.289	0.230	20.4	74	0.00
93 T	1,2,4-Trichlorobenzene	0.660	0.715	-8.3	81	0.00
94 T	Hexachlorobutadiene	0.382	0.354	7.3	90	0.00
95 T	Naphthalene	2.478	2.548	-2.8	74	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	0.631	0.656	-4.0	78	0.00

(#) = Out of Range

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