

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077306.D
 Acq On : 12 Apr 2023 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 13 01:09:19 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	95	0.00
2 T	Dichlorodifluoromethane	0.638	0.528	17.2	80	0.00
3 P	Chloromethane	0.791	0.594	24.9	78	0.00
4 C	Vinyl Chloride	1.072	0.889	17.1#	80	0.00
5 T	Bromomethane	0.777	0.635	18.3	85	0.00
6 T	Chloroethane	0.765	0.618	19.2	83	0.00
7 T	Trichlorofluoromethane	0.930	0.866	6.9	91	0.00
8 T	Diethyl Ether	0.390	0.346	11.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.526	7.6	94	0.00
10 T	Methyl Iodide	0.692	0.665	3.9	88	0.00
11 T	Tert butyl alcohol	0.139	0.099	28.8#	67	-0.01
12 CM	1,1-Dichloroethene	0.586	0.521	11.1#	90	0.00
13 T	Acrolein	0.132	0.118	10.6	95	0.00
14 T	Allyl chloride	0.885	0.697	21.2	81	0.00
15 T	Acrylonitrile	0.308	0.256	16.9	77	0.00
16 T	Acetone	0.252	0.214	15.1	84	0.00
17 T	Carbon Disulfide	1.579	1.366	13.5	83	0.00
18 T	Methyl Acetate	0.960	0.756	21.2	74	0.00
19 T	Methyl tert-butyl Ether	2.078	1.903	8.4	87	0.00
20 T	Methylene Chloride	0.712	0.614	13.8	88	0.00
21 T	trans-1,2-Dichloroethene	0.641	0.588	8.3	88	0.00
22 T	Diisopropyl ether	1.774	1.635	7.8	87	0.00
23 T	Vinyl Acetate	1.199	1.059	11.7	79	0.00
24 P	1,1-Dichloroethane	1.145	1.050	8.3	87	0.00
25 T	2-Butanone	0.409	0.324	20.8	76	0.00
26 T	2,2-Dichloropropane	1.050	1.028	2.1	94	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.734	6.3	91	0.00
28 T	Bromochloromethane	0.461	0.433	6.1	104	0.00
29 T	Tetrahydrofuran	0.263	0.203	22.8	72	0.00
30 C	Chloroform	1.221	1.165	4.6#	91	0.00
31 T	Cyclohexane	1.062	0.911	14.2	89	0.00
32 T	1,1,1-Trichloroethane	1.111	1.047	5.8	92	0.00
33 S	1,2-Dichloroethane-d4	0.683	0.644	5.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.320	0.298	6.9	93	0.00
36 T	1,1-Dichloropropene	0.473	0.452	4.4	90	0.00
37 T	Ethyl Acetate	0.424	0.350	17.5	78	0.00
38 T	Carbon Tetrachloride	0.485	0.468	3.5	92	0.00
39 T	Methylcyclohexane	0.638	0.614	3.8	93	0.00
40 TM	Benzene	1.477	1.377	6.8	88	0.00
41 T	Methacrylonitrile	0.228	0.190	16.7	78	0.00
42 TM	1,2-Dichloroethane	0.454	0.433	4.6	89	0.00
43 T	Isopropyl Acetate	0.782	0.629	19.6	77	0.00
44 TM	Trichloroethene	0.353	0.336	4.8	89	0.00
45 C	1,2-Dichloropropane	0.351	0.336	4.3#	90	0.00
46 T	Dibromomethane	0.264	0.246	6.8	89	0.00
47 T	Bromodichloromethane	0.528	0.497	5.9	92	0.00
48 T	Methyl methacrylate	0.333	0.276	17.1	78	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	0.006	25.0	74	0.00
50 S	Toluene-d8	1.289	1.216	5.7	92	0.00
51 T	4-Methyl-2-Pentanone	0.452	0.373	17.5	75	0.00
52 CM	Toluene	0.967	0.932	3.6#	89	0.00
53 T	t-1,3-Dichloropropene	0.573	0.563	1.7	89	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.591	3.3	89	0.00
55 T	1,1,2-Trichloroethane	0.379	0.356	6.1	89	0.00
56 T	Ethyl methacrylate	0.591	0.546	7.6	84	0.00
57 T	1,3-Dichloropropane	0.627	0.599	4.5	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.159	9.7	80	0.00
59 T	2-Hexanone	0.337	0.276	18.1	75	0.00
60 T	Dibromochloromethane	0.391	0.389	0.5	89	0.00
61 T	1,2-Dibromoethane	0.379	0.366	3.4	89	0.00
62 S	4-Bromofluorobenzene	0.429	0.428	0.2	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.309	0.283	8.4	88	0.00
65 PM	Chlorobenzene	1.101	1.051	4.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.379	9.1	88	0.00
67 C	Ethyl Benzene	2.031	1.952	3.9#	91	0.00
68 T	m/p-Xylenes	0.798	0.755	5.4	88	0.00
69 T	o-Xylene	0.787	0.747	5.1	88	0.00
70 T	Styrene	1.267	1.242	2.0	89	0.00
71 P	Bromoform	0.293	0.272	7.2	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.856	4.498	7.4	90	0.00
74 T	N-amyl acetate	1.840	1.471	20.1	79	0.00
75 P	1,1,2,2-Tetrachloroethane	1.524	1.296	15.0	85	0.00
76 T	1,2,3-Trichloropropane	1.191	1.096	8.0	83	0.00
77 T	Bromobenzene	0.987	0.919	6.9	91	0.00
78 T	n-propylbenzene	5.366	5.120	4.6	90	0.00
79 T	2-Chlorotoluene	3.231	3.007	6.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.879	3.747	3.4	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.529	0.450	14.9	82	0.00
82 T	4-Chlorotoluene	3.046	2.904	4.7	90	0.00
83 T	tert-Butylbenzene	3.453	3.177	8.0	90	0.00
84 T	1,2,4-Trimethylbenzene	3.832	3.752	2.1	89	0.00
85 T	sec-Butylbenzene	4.812	4.684	2.7	91	0.00
86 T	p-Isopropyltoluene	3.782	3.786	-0.1	89	0.00
87 T	1,3-Dichlorobenzene	1.827	1.762	3.6	89	0.00
88 T	1,4-Dichlorobenzene	1.802	1.723	4.4	88	0.00
89 T	n-Butylbenzene	3.139	3.305	-5.3	92	0.00
90 T	Hexachloroethane	0.827	0.778	5.9	92	0.00
91 T	1,2-Dichlorobenzene	1.828	1.743	4.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.289	0.239	17.3	79	0.00
93 T	1,2,4-Trichlorobenzene	0.660	0.711	-7.7	81	0.00
94 T	Hexachlorobutadiene	0.382	0.350	8.4	90	0.00
95 T	Naphthalene	2.478	2.601	-5.0	77	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	0.662	-4.9	80	0.00

(#) = Out of Range

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