

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020524\  
 Data File : VN080892.D  
 Acq On : 05 Feb 2024 13:07  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleID :  
 VSTDCCC050

Quant Time: Feb 06 04:40:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 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	70	0.00
2 T	Dichlorodifluoromethane	0.743	0.755	-1.6	70	0.00
3 P	Chloromethane	1.116	1.029	7.8	71	0.00
4 C	Vinyl Chloride	0.849	0.823	3.1#	75	0.00
5 T	Bromomethane	0.339	0.354	-4.4	80	0.00
6 T	Chloroethane	0.452	0.478	-5.8	80	0.00
7 T	Trichlorofluoromethane	1.098	1.125	-2.5	74	0.00
8 T	Diethyl Ether	0.507	0.549	-8.3	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.641	0.645	-0.6	72	0.00
10 T	Methyl Iodide	0.541	0.570	-5.4	72	0.00
11 T	Tert butyl alcohol	0.141	0.146	-3.5	79	0.00
12 CM	1,1-Dichloroethene	0.702	0.677	3.6#	73	0.00
13 T	Acrolein	0.178	0.177	0.6	73	0.00
14 T	Allyl chloride	1.387	1.428	-3.0	75	0.00
15 T	Acrylonitrile	0.424	0.456	-7.5	78	0.00
16 T	Acetone	0.314	0.333	-6.1	79	0.00
17 T	Carbon Disulfide	2.185	1.964	10.1	65	0.00
18 T	Methyl Acetate	1.093	1.266	-15.8	84	0.00
19 T	Methyl tert-butyl Ether	2.473	2.575	-4.1	78	0.00
20 T	Methylene Chloride	0.823	0.850	-3.3	78	0.00
21 T	trans-1,2-Dichloroethene	0.762	0.737	3.3	72	0.00
22 T	Diisopropyl ether	3.061	3.322	-8.5	79	0.00
23 T	Vinyl Acetate	2.215	2.543	-14.8	79	0.00
24 P	1,1-Dichloroethane	1.552	1.640	-5.7	76	0.00
25 T	2-Butanone	0.596	0.618	-3.7	78	0.00
26 T	2,2-Dichloropropane	1.255	1.211	3.5	72	0.00
27 T	cis-1,2-Dichloroethene	0.883	0.914	-3.5	78	0.00
28 T	Bromochloromethane	0.822	0.765	6.9	66	0.00
29 T	Tetrahydrofuran	0.403	0.423	-5.0	78	0.00
30 C	Chloroform	1.442	1.501	-4.1#	78	0.00
31 T	Cyclohexane	1.483	1.360	8.3	70	0.00
32 T	1,1,1-Trichloroethane	1.169	1.213	-3.8	76	0.00
33 S	1,2-Dichloroethane-d4	0.865	0.887	-2.5	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.306	0.308	-0.7	75	0.00
36 T	1,1-Dichloropropene	0.569	0.546	4.0	73	0.00
37 T	Ethyl Acetate	0.585	0.593	-1.4	79	0.00
38 T	Carbon Tetrachloride	0.458	0.459	-0.2	72	0.00
39 T	Methylcyclohexane	0.565	0.515	8.8	66	0.00
40 TM	Benzene	1.671	1.683	-0.7	76	0.00
41 T	Methacrylonitrile	0.345	0.364	-5.5	86	0.00
42 TM	1,2-Dichloroethane	0.544	0.614	-12.9	83	0.00
43 T	Isopropyl Acetate	1.066	1.076	-0.9	78	0.00
44 TM	Trichloroethene	0.368	0.353	4.1	75	0.00
45 C	1,2-Dichloropropane	0.452	0.469	-3.8#	76	0.00
46 T	Dibromomethane	0.268	0.272	-1.5	78	0.00
47 T	Bromodichloromethane	0.544	0.553	-1.7	75	0.00
48 T	Methyl methacrylate	0.517	0.514	0.6	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	80	0.00
50 S	Toluene-d8	1.197	1.208	-0.9	74	0.00
51 T	4-Methyl-2-Pentanone	0.596	0.637	-6.9	80	0.00
52 CM	Toluene	0.958	0.975	-1.8#	75	0.00
53 T	t-1,3-Dichloropropene	0.634	0.647	-2.1	74	0.00
54 T	cis-1,3-Dichloropropene	0.690	0.719	-4.2	77	0.00
55 T	1,1,2-Trichloroethane	0.368	0.382	-3.8	79	0.00
56 T	Ethyl methacrylate	0.566	0.647	-14.3	76	0.00
57 T	1,3-Dichloropropane	0.693	0.734	-5.9	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.330	0.346	-4.8	77	0.00
59 T	2-Hexanone	0.463	0.488	-5.4	79	0.00
60 T	Dibromochloromethane	0.343	0.382	-11.4	81	0.00
61 T	1,2-Dibromoethane	0.345	0.350	-1.4	73	0.00
62 S	4-Bromofluorobenzene	0.417	0.416	0.2	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.329	0.358	-8.8	82	0.00
65 PM	Chlorobenzene	1.091	1.088	0.3	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.355	0.360	-1.4	72	0.00
67 C	Ethyl Benzene	2.028	2.067	-1.9#	75	0.00
68 T	m/p-Xylenes	0.720	0.748	-3.9	74	0.00
69 T	o-Xylene	0.716	0.747	-4.3	77	0.00
70 T	Styrene	1.149	1.245	-8.4	76	0.00
71 P	Bromoform	0.240	0.238	0.8	69	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	4.579	4.626	-1.0	77	0.00
74 T	N-amyl acetate	2.843	2.740	3.6	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.611	1.547	4.0	79	0.00
76 T	1,2,3-Trichloropropane	1.508	1.406	6.8	67	0.00
77 T	Bromobenzene	0.979	0.955	2.5	77	0.00
78 T	n-propylbenzene	5.470	5.539	-1.3	75	0.00
79 T	2-Chlorotoluene	3.477	3.384	2.7	77	0.00
80 T	1,3,5-Trimethylbenzene	3.647	3.658	-0.3	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.585	0.558	4.6	71	0.00
82 T	4-Chlorotoluene	3.443	3.424	0.6	79	0.00
83 T	tert-Butylbenzene	2.912	2.845	2.3	74	0.00
84 T	1,2,4-Trimethylbenzene	3.695	3.711	-0.4	76	0.00
85 T	sec-Butylbenzene	4.293	4.285	0.2	73	0.00
86 T	p-Isopropyltoluene	3.336	3.375	-1.2	74	0.00
87 T	1,3-Dichlorobenzene	1.751	1.669	4.7	76	0.00
88 T	1,4-Dichlorobenzene	1.755	1.725	1.7	77	0.00
89 T	n-Butylbenzene	3.265	3.316	-1.6	74	0.00
90 T	Hexachloroethane	0.584	0.565	3.3	74	0.00
91 T	1,2-Dichlorobenzene	1.602	1.666	-4.0	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.301	0.288	4.3	74	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.792	4.0	75	0.00
94 T	Hexachlorobutadiene	0.360	0.350	2.8	81	0.00
95 T	Naphthalene	3.156	3.055	3.2	75	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.811	0.779	3.9	74	0.00

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