

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021621\  
 Data File : VN065873.D  
 Acq On : 16 Feb 2021 14:51  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Feb 16 16:39:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 15 10:57:01 2021  
 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	88	0.00
2 T	Dichlorodifluoromethane	0.560	0.563	-0.5	86	0.00
3 P	Chloromethane	0.823	0.721	12.4	75	0.00
4 C	Vinyl Chloride	0.833	0.773	7.2#	80	0.00
5 T	Bromomethane	0.482	0.493	-2.3	87	-0.02
6 T	Chloroethane	0.482	0.441	8.5	77	0.00
7 T	Trichlorofluoromethane	0.871	0.860	1.3	84	0.00
8 T	Diethyl Ether	0.415	0.387	6.7	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.545	-3.0	90	-0.01
10 T	Methyl Iodide	0.775	0.836	-7.9	92	0.00
11 T	Tert butyl alcohol	0.123	0.091	26.0#	63	0.00
12 CM	1,1-Dichloroethene	0.609	0.560	8.0#	83	0.00
13 T	Acrolein	0.095	0.098	-3.2	80	0.00
14 T	Allyl chloride	1.128	0.872	22.7	65	-0.01
15 T	Acrylonitrile	0.321	0.273	15.0	72	0.00
16 T	Acetone	0.256	0.255	0.4	87	0.00
17 T	Carbon Disulfide	1.916	1.587	17.2	77	0.00
18 T	Methyl Acetate	0.718	0.568	20.9	70	0.00
19 T	Methyl tert-butyl Ether	2.032	1.824	10.2	78	0.00
20 T	Methylene Chloride	0.709	0.655	7.6	83	0.00
21 T	trans-1,2-Dichloroethene	0.647	0.612	5.4	85	0.00
22 T	Diisopropyl ether	2.307	1.789	22.5	67	0.00
23 T	Vinyl Acetate	1.842	1.418	23.0	65	0.00
24 P	1,1-Dichloroethane	1.229	1.091	11.2	75	0.00
25 T	2-Butanone	0.402	0.344	14.4	71	0.00
26 T	2,2-Dichloropropane	0.984	0.848	13.8	75	0.00
27 T	cis-1,2-Dichloroethene	0.741	0.701	5.4	83	0.00
28 T	Bromochloromethane	0.517	0.412	20.3	74	0.00
29 T	Tetrahydrofuran	0.291	0.215	26.1#	65	0.00
30 C	Chloroform	1.132	1.034	8.7#	79	0.00
31 T	Cyclohexane	1.237	0.997	19.4	72	0.00
32 T	1,1,1-Trichloroethane	0.922	0.842	8.7	79	0.00
33 S	1,2-Dichloroethane-d4	0.658	0.542	17.6	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.296	0.297	-0.3	86	0.00
36 T	1,1-Dichloropropene	0.503	0.491	2.4	80	0.00
37 T	Ethyl Acetate	0.483	0.408	15.5	66	0.00
38 T	Carbon Tetrachloride	0.414	0.411	0.7	79	0.00
39 T	Methylcyclohexane	0.614	0.587	4.4	78	0.00
40 TM	Benzene	1.537	1.526	0.7	80	0.00
41 T	Methacrylonitrile	0.259	0.193	25.5#	62	0.00
42 TM	1,2-Dichloroethane	0.463	0.441	4.8	76	0.00
43 T	Isopropyl Acetate	0.856	0.666	22.2	64	0.00
44 TM	Trichloroethene	0.373	0.390	-4.6	86	0.00
45 C	1,2-Dichloropropane	0.423	0.398	5.9#	76	0.00
46 T	Dibromomethane	0.234	0.237	-1.3	81	0.00
47 T	Bromodichloromethane	0.501	0.474	5.4	77	0.00
48 T	Methyl methacrylate	0.406	0.331	18.5	66	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	0.007	0.007	0.0	78	0.00
50 S	Toluene-d8	1.165	1.135	2.6	85	0.00
51 T	4-Methyl-2-Pentanone	0.472	0.389	17.6	66	0.00
52 CM	Toluene	0.910	0.960	-5.5#	86	0.00
53 T	t-1,3-Dichloropropene	0.583	0.553	5.1	76	0.00
54 T	cis-1,3-Dichloropropene	0.650	0.633	2.6	78	0.00
55 T	1,1,2-Trichloroethane	0.347	0.371	-6.9	87	0.00
56 T	Ethyl methacrylate	0.574	0.550	4.2	76	0.00
57 T	1,3-Dichloropropane	0.611	0.620	-1.5	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.265	0.219	17.4	66	0.00
59 T	2-Hexanone	0.328	0.293	10.7	70	0.00
60 T	Dibromochloromethane	0.355	0.359	-1.1	81	0.00
61 T	1,2-Dibromoethane	0.346	0.368	-6.4	85	0.00
62 S	4-Bromofluorobenzene	0.419	0.439	-4.8	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.419	0.404	3.6	84	0.00
65 PM	Chlorobenzene	1.046	1.116	-6.7	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.375	-1.4	84	0.00
67 C	Ethyl Benzene	1.965	2.024	-3.0#	86	0.00
68 T	m/p-Xylenes	0.711	0.776	-9.1	90	0.00
69 T	o-Xylene	0.689	0.743	-7.8	91	0.00
70 T	Styrene	1.135	1.253	-10.4	89	0.00
71 P	Bromoform	0.256	0.258	-0.8	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.378	4.326	1.2	89	0.00
74 T	N-ethyl acetate	1.852	1.428	22.9	66	0.00
75 P	1,1,2,2-Tetrachloroethane	1.293	1.210	6.4	86	0.00
76 T	1,2,3-Trichloropropane	1.307	1.166	10.8	81	0.00
77 T	Bromobenzene	0.948	1.007	-6.2	95	0.00
78 T	n-propylbenzene	5.159	4.906	4.9	86	0.00
79 T	2-Chlorotoluene	3.064	2.954	3.6	88	0.00
80 T	1,3,5-Trimethylbenzene	3.727	3.658	1.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.510	0.431	15.5	75	0.00
82 T	4-Chlorotoluene	3.128	3.025	3.3	88	0.00
83 T	tert-Butylbenzene	3.108	2.994	3.7	88	0.00
84 T	1,2,4-Trimethylbenzene	3.718	3.621	2.6	89	0.00
85 T	sec-Butylbenzene	4.196	3.970	5.4	86	0.00
86 T	p-Isopropyltoluene	3.705	3.577	3.5	87	0.00
87 T	1,3-Dichlorobenzene	1.690	1.786	-5.7	94	0.00
88 T	1,4-Dichlorobenzene	1.715	1.791	-4.4	95	0.00
89 T	n-Butylbenzene	3.329	3.059	8.1	81	0.00
90 T	Hexachloroethane	0.648	0.581	10.3	79	0.00
91 T	1,2-Dichlorobenzene	1.676	1.743	-4.0	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.257	0.213	17.1	71	0.00
93 T	1,2,4-Trichlorobenzene	0.891	0.902	-1.2	83	0.00
94 T	Hexachlorobutadiene	0.461	0.384	16.7	83	0.00
95 T	Naphthalene	2.867	2.960	-3.2	86	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.922	0.902	2.2	85	0.00

(#) = Out of Range

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