

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111618\
 Data File : VN052351.D
 Acq On : 16 Nov 2018 8:16
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 16 22:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.530	0.542	-2.3	99	0.00
3 P	Chloromethane	0.736	0.717	2.6	96	0.00
4 C	Vinyl Chloride	0.636	0.629	1.1#	101	0.00
5 T	Bromomethane	0.397	0.367	7.6	98	0.00
6 T	Chloroethane	0.360	0.351	2.5	98	0.00
7 T	Trichlorofluoromethane	0.881	0.884	-0.3	103	0.00
8 T	Diethyl Ether	0.336	0.299	11.0	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.556	0.547	1.6	101	0.00
10 T	Methyl Iodide	0.747	0.703	5.9	94	0.00
11 T	Tert butyl alcohol	0.037	0.027	27.0#	77	0.00
12 CM	1,1-Dichloroethene	0.515	0.482	6.4#	98	0.00
13 T	Acrolein	0.052	0.042	19.2	77	0.00
14 T	Allyl chloride	1.057	1.049	0.8	100	0.00
15 T	Acrylonitrile	0.213	0.184	13.6	87	0.00
16 T	Acetone	0.194	0.191	1.5	102	0.00
17 T	Carbon Disulfide	1.476	1.477	-0.1	100	0.00
18 T	Methyl Acetate	0.579	0.470	18.8	89	0.00
19 T	Methyl tert-butyl Ether	1.479	1.387	6.2	93	0.00
20 T	Methylene Chloride	0.647	0.568	12.2	96	0.00
21 T	trans-1,2-Dichloroethene	0.554	0.523	5.6	97	0.00
22 T	Diisopropyl ether	2.156	2.121	1.6	98	0.00
23 T	Vinyl Acetate	1.463	1.435	1.9	94	0.00
24 P	1,1-Dichloroethane	1.156	1.123	2.9	101	0.00
25 T	2-Butanone	0.274	0.247	9.9	91	0.00
26 T	2,2-Dichloropropane	0.850	0.887	-4.4	104	0.00
27 T	cis-1,2-Dichloroethene	0.645	0.609	5.6	97	0.00
28 T	Bromochloromethane	0.595	0.568	4.5	98	0.00
29 T	Tetrahydrofuran	0.180	0.150	16.7	84	0.00
30 C	Chloroform	1.102	1.129	-2.5#	104	0.00
31 T	Cyclohexane	1.341	1.070	20.2	102	0.00
32 T	1,1,1-Trichloroethane	0.939	0.930	1.0	102	0.00
33 S	1,2-Dichloroethane-d4	0.706	0.682	3.4	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.322	0.327	-1.6	98	0.00
36 T	1,1-Dichloropropene	0.501	0.516	-3.0	101	0.00
37 T	Ethyl Acetate	0.364	0.327	10.2	86	0.00
38 T	Carbon Tetrachloride	0.460	0.501	-8.9	103	0.00
39 T	Methylcyclohexane	0.572	0.615	-7.5	105	0.00
40 TM	Benzene	1.432	1.444	-0.8	99	0.00
41 T	Methacrylonitrile	0.208	0.194	6.7	101	0.00
42 TM	1,2-Dichloroethane	0.511	0.518	-1.4	101	0.00
43 T	Isopropyl Acetate	0.702	0.605	13.8	88	0.00
44 TM	Trichloroethene	0.353	0.357	-1.1	98	0.00
45 C	1,2-Dichloropropane	0.406	0.403	0.7#	100	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.235	0.228	3.0	94	0.00
47 T	Bromodichloromethane	0.483	0.517	-7.0	104	0.00
48 T	Methyl methacrylate	0.356	0.315	11.5	89	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	78	0.00
50 S	Toluene-d8	1.269	1.277	-0.6	99	0.00
51 T	4-Methyl-2-Pentanone	0.353	0.325	7.9	87	0.00
52 CM	Toluene	0.856	0.887	-3.6#	100	0.00
53 T	t-1,3-Dichloropropene	0.487	0.518	-6.4	100	0.00
54 T	cis-1,3-Dichloropropene	0.555	0.592	-6.7	100	0.00
55 T	1,1,2-Trichloroethane	0.310	0.300	3.2	95	0.00
56 T	Ethyl methacrylate	0.408	0.398	2.5	91	0.00
57 T	1,3-Dichloropropane	0.550	0.542	1.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.229	1.3	92	0.00
59 T	2-Hexanone	0.243	0.234	3.7	91	0.00
60 T	Dibromochloromethane	0.336	0.350	-4.2	100	0.00
61 T	1,2-Dibromoethane	0.309	0.301	2.6	94	0.00
62 S	4-Bromofluorobenzene	0.417	0.433	-3.8	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.355	0.363	-2.3	105	0.00
65 PM	Chlorobenzene	1.057	1.052	0.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.376	-4.4	101	0.00
67 C	Ethyl Benzene	1.834	1.929	-5.2#	102	0.00
68 T	m/p-Xylenes	0.670	0.710	-6.0	101	0.00
69 T	o-Xylene	0.642	0.682	-6.2	100	0.00
70 T	Styrene	1.029	1.120	-8.8	101	0.00
71 P	Bromoform	0.213	0.221	-3.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.020	4.067	-1.2	104	0.00
74 T	N-amyl acetate	1.432	1.332	7.0	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.972	0.828	14.8	89	0.00
76 T	1,2,3-Trichloropropane	0.848	0.739	12.9	88	0.00
77 T	Bromobenzene	0.935	0.906	3.1	100	0.00
78 T	n-propylbenzene	4.701	4.876	-3.7	104	0.00
79 T	2-Chlorotoluene	2.747	2.745	0.1	103	0.00
80 T	1,3,5-Trimethylbenzene	3.197	3.324	-4.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.247	5.7	94	0.00
82 T	4-Chlorotoluene	2.814	2.816	-0.1	103	0.00
83 T	tert-Butylbenzene	2.822	2.858	-1.3	103	0.00
84 T	1,2,4-Trimethylbenzene	3.209	3.367	-4.9	102	0.00
85 T	sec-Butylbenzene	3.845	4.017	-4.5	103	0.00
86 T	p-Isopropyltoluene	3.257	3.434	-5.4	103	0.00
87 T	1,3-Dichlorobenzene	1.661	1.669	-0.5	102	0.00
88 T	1,4-Dichlorobenzene	1.652	1.655	-0.2	103	0.00
89 T	n-Butylbenzene	2.797	3.120	-11.5	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.620	-7.5	108	0.00
91 T	1,2-Dichlorobenzene	1.609	1.561	3.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.129	9.8	92	0.00
93 T	1,2,4-Trichlorobenzene	0.662	0.709	-7.1	100	0.00
94 T	Hexachlorobutadiene	0.368	0.383	-4.1	106	0.00
95 T	Naphthalene	1.496	1.481	1.0	87	0.00
96 T	1,2,3-Trichlorobenzene	0.612	0.627	-2.5	95	0.00

(#) = Out of Range

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