

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055336.D
 Acq On : 2 May 2019 8:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 02:15:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 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	91	0.00
2 T	Dichlorodifluoromethane	0.613	0.605	1.3	87	0.00
3 P	Chloromethane	0.759	0.672	11.5	83	0.00
4 C	Vinyl Chloride	0.611	0.558	8.7#	87	0.00
5 T	Bromomethane	0.324	0.293	9.6	84	0.00
6 T	Chloroethane	0.331	0.300	9.4	87	0.00
7 T	Trichlorofluoromethane	0.869	0.815	6.2	90	0.00
8 T	Diethyl Ether	0.304	0.277	8.9	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.518	0.499	3.7	91	0.00
10 T	Methyl Iodide	0.729	0.676	7.3	83	0.00
11 T	Tert butyl alcohol	0.037	0.034	8.1	82	0.00
12 CM	1,1-Dichloroethene	0.494	0.446	9.7#	86	0.00
13 T	Acrolein	0.029	0.026	10.3	76	0.00
14 T	Allyl chloride	1.023	0.943	7.8	86	0.00
15 T	Acrylonitrile	0.211	0.201	4.7	86	0.00
16 T	Acetone	0.204	0.230	-12.7	110	0.00
17 T	Carbon Disulfide	1.289	1.168	9.4	82	0.00
18 T	Methyl Acetate	0.591	0.494	16.4	89	0.00
19 T	Methyl tert-butyl Ether	1.389	1.294	6.8	84	0.00
20 T	Methylene Chloride	0.622	0.537	13.7	86	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.481	8.0	86	0.00
22 T	Diisopropyl ether	2.033	1.958	3.7	88	0.00
23 T	Vinyl Acetate	1.332	1.294	2.9	84	0.00
24 P	1,1-Dichloroethane	1.083	1.014	6.4	89	0.00
25 T	2-Butanone	0.261	0.270	-3.4	92	0.00
26 T	2,2-Dichloropropane	0.748	0.709	5.2	89	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.555	6.7	86	0.00
28 T	Bromochloromethane	0.546	0.506	7.3	88	0.00
29 T	Tetrahydrofuran	0.167	0.157	6.0	84	0.00
30 C	Chloroform	1.027	0.973	5.3#	90	0.00
31 T	Cyclohexane	1.029	0.920	10.6	87	0.00
32 T	1,1,1-Trichloroethane	0.833	0.779	6.5	88	0.00
33 S	1,2-Dichloroethane-d4	0.654	0.619	5.4	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.328	0.328	0.0	89	0.00
36 T	1,1-Dichloropropene	0.479	0.463	3.3	88	0.00
37 T	Ethyl Acetate	0.367	0.335	8.7	83	0.00
38 T	Carbon Tetrachloride	0.462	0.441	4.5	88	0.00
39 T	Methylcyclohexane	0.509	0.497	2.4	86	0.00
40 TM	Benzene	1.412	1.391	1.5	87	0.00
41 T	Methacrylonitrile	0.195	0.229	-17.4	98	0.00
42 TM	1,2-Dichloroethane	0.500	0.484	3.2	87	0.00
43 T	Isopropyl Acetate	0.590	0.597	-1.2	85	0.00
44 TM	Trichloroethene	0.360	0.350	2.8	88	0.00
45 C	1,2-Dichloropropane	0.407	0.400	1.7#	88	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.223	0.219	1.8	88	0.00
47 T	Bromodichloromethane	0.477	0.486	-1.9	90	0.00
48 T	Methyl methacrylate	0.290	0.277	4.5	81	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	91	0.00
50 S	Toluene-d8	1.185	1.208	-1.9	90	0.00
51 T	4-Methyl-2-Pentanone	0.332	0.336	-1.2	86	0.00
52 CM	Toluene	0.810	0.815	-0.6#	88	0.00
53 T	t-1,3-Dichloropropene	0.415	0.450	-8.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.543	-5.0	86	0.00
55 T	1,1,2-Trichloroethane	0.301	0.300	0.3	88	0.00
56 T	Ethyl methacrylate	0.370	0.381	-3.0	83	0.00
57 T	1,3-Dichloropropane	0.528	0.523	0.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.097	0.112	-15.5	92	0.00
59 T	2-Hexanone	0.208	0.227	-9.1	92	0.00
60 T	Dibromochloromethane	0.307	0.327	-6.5	87	0.00
61 T	1,2-Dibromoethane	0.278	0.281	-1.1	86	0.00
62 S	4-Bromofluorobenzene	0.370	0.412	-11.4	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.409	0.389	4.9	91	0.00
65 PM	Chlorobenzene	0.978	0.953	2.6	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.369	3.7	87	0.00
67 C	Ethyl Benzene	1.765	1.791	-1.5#	89	0.00
68 T	m/p-Xylenes	0.630	0.654	-3.8	91	0.00
69 T	o-Xylene	0.625	0.639	-2.2	90	0.00
70 T	Styrene	0.959	1.052	-9.7	90	0.00
71 P	Bromoform	0.212	0.226	-6.6	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	4.997	4.177	16.4	90	0.00
74 T	N-amyl acetate	1.283	1.249	2.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.268	0.991	21.8	86	0.00
76 T	1,2,3-Trichloropropane	1.139	0.796	30.1#	74	0.00
77 T	Bromobenzene	1.134	0.987	13.0	90	0.00
78 T	n-propylbenzene	5.136	4.751	7.5	92	0.00
79 T	2-Chlorotoluene	3.285	2.865	12.8	91	0.00
80 T	1,3,5-Trimethylbenzene	3.920	3.487	11.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.244	7.6	88	0.00
82 T	4-Chlorotoluene	2.986	2.783	6.8	93	0.00
83 T	tert-Butylbenzene	3.508	2.964	15.5	93	0.00
84 T	1,2,4-Trimethylbenzene	3.506	3.363	4.1	91	0.00
85 T	sec-Butylbenzene	4.260	3.860	9.4	92	0.00
86 T	p-Isopropyltoluene	3.502	3.406	2.7	93	0.00
87 T	1,3-Dichlorobenzene	1.673	1.630	2.6	93	0.00
88 T	1,4-Dichlorobenzene	1.576	1.583	-0.4	93	0.00
89 T	n-Butylbenzene	2.488	2.689	-8.1	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.662	0.574	13.3	91	0.00
91 T	1,2-Dichlorobenzene	1.658	1.574	5.1	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.134	-1.5	86	0.00
93 T	1,2,4-Trichlorobenzene	0.521	0.579	-11.1	86	0.00
94 T	Hexachlorobutadiene	0.617	0.589	4.5	100	0.00
95 T	Naphthalene	1.122	1.103	1.7	79	0.00
96 T	1,2,3-Trichlorobenzene	0.533	0.580	-8.8	85	0.00

(#) = Out of Range

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