

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050719\
 Data File : VN055450.D
 Acq On : 7 May 2019 20:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 08 07:34:20 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	81	0.00
2 T	Dichlorodifluoromethane	0.613	0.561	8.5	72	0.00
3 P	Chloromethane	0.759	0.674	11.2	74	0.00
4 C	Vinyl Chloride	0.611	0.557	8.8#	78	0.00
5 T	Bromomethane	0.324	0.392	-21.0	100	0.00
6 T	Chloroethane	0.331	0.311	6.0	81	0.00
7 T	Trichlorofluoromethane	0.869	0.788	9.3	78	0.00
8 T	Diethyl Ether	0.304	0.348	-14.5	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.518	0.509	1.7	84	0.00
10 T	Methyl Iodide	0.729	0.697	4.4	77	0.00
11 T	Tert butyl alcohol	0.037	0.064	-73.0#	141	0.00
12 CM	1,1-Dichloroethene	0.494	0.482	2.4#	83	0.00
13 T	Acrolein	0.029	0.042	-44.8#	111	0.00
14 T	Allyl chloride	1.023	1.097	-7.2	89	0.00
15 T	Acrylonitrile	0.211	0.288	-36.5#	111	0.00
16 T	Acetone	0.204	0.233	-14.2	100	0.00
17 T	Carbon Disulfide	1.289	1.005	22.0	63	0.00
18 T	Methyl Acetate	0.591	0.748	-26.6#	121	0.00
19 T	Methyl tert-butyl Ether	1.389	1.715	-23.5	100	0.00
20 T	Methylene Chloride	0.622	0.612	1.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.502	4.0	81	0.00
22 T	Diisopropyl ether	2.033	2.360	-16.1	95	0.00
23 T	Vinyl Acetate	1.332	1.699	-27.6#	98	0.00
24 P	1,1-Dichloroethane	1.083	1.147	-5.9	90	0.00
25 T	2-Butanone	0.261	0.372	-42.5#	113	0.00
26 T	2,2-Dichloropropane	0.748	0.711	4.9	80	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.630	-5.9	87	0.00
28 T	Bromochloromethane	0.546	0.562	-2.9	87	0.00
29 T	Tetrahydrofuran	0.167	0.247	-47.9#	118	0.00
30 C	Chloroform	1.027	1.098	-6.9#	91	0.00
31 T	Cyclohexane	1.029	0.938	8.8	79	0.00
32 T	1,1,1-Trichloroethane	0.833	0.880	-5.6	89	0.00
33 S	1,2-Dichloroethane-d4	0.654	0.699	-6.9	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.328	0.328	0.0	87	0.00
36 T	1,1-Dichloropropene	0.479	0.453	5.4	84	0.00
37 T	Ethyl Acetate	0.367	0.467	-27.2#	112	0.00
38 T	Carbon Tetrachloride	0.462	0.434	6.1	84	0.00
39 T	Methylcyclohexane	0.509	0.490	3.7	82	0.00
40 TM	Benzene	1.412	1.419	-0.5	86	0.00
41 T	Methacrylonitrile	0.195	0.249	-27.7#	104	0.00
42 TM	1,2-Dichloroethane	0.500	0.536	-7.2	94	0.00
43 T	Isopropyl Acetate	0.590	0.794	-34.6#	110	0.00
44 TM	Trichloroethene	0.360	0.347	3.6	85	0.00
45 C	1,2-Dichloropropane	0.407	0.416	-2.2#	89	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	0.236	-5.8	92	0.00
47 T	Bromodichloromethane	0.477	0.507	-6.3	91	0.00
48 T	Methyl methacrylate	0.290	0.385	-32.8#	109	0.00
49 T	1,4-Dioxane	0.003	0.005	-66.7#	127	0.00
50 S	Toluene-d8	1.185	1.161	2.0	84	0.00
51 T	4-Methyl-2-Pentanone	0.332	0.480	-44.6#	119	0.00
52 CM	Toluene	0.810	0.829	-2.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.415	0.481	-15.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.570	-10.3	88	0.00
55 T	1,1,2-Trichloroethane	0.301	0.344	-14.3	98	0.00
56 T	Ethyl methacrylate	0.370	0.485	-31.1#	103	0.00
57 T	1,3-Dichloropropane	0.528	0.594	-12.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.097	0.135	-39.2#	108	0.00
59 T	2-Hexanone	0.208	0.309	-48.6#	123	0.00
60 T	Dibromochloromethane	0.307	0.354	-15.3	92	0.00
61 T	1,2-Dibromoethane	0.278	0.320	-15.1	95	0.00
62 S	4-Bromofluorobenzene	0.370	0.415	-12.2	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.409	0.401	2.0	90	0.00
65 PM	Chlorobenzene	0.978	0.992	-1.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.392	-2.3	90	0.00
67 C	Ethyl Benzene	1.765	1.836	-4.0#	88	0.00
68 T	m/p-Xylenes	0.630	0.666	-5.7	89	0.00
69 T	o-Xylene	0.625	0.667	-6.7	91	0.00
70 T	Styrene	0.959	1.119	-16.7	92	0.00
71 P	Bromoform	0.212	0.266	-25.5#	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.997	4.266	14.6	91	0.00
74 T	N-amyl acetate	1.283	1.731	-34.9#	120	0.00
75 P	1,1,2,2-Tetrachloroethane	1.268	1.232	2.8	106	0.00
76 T	1,2,3-Trichloropropane	1.139	1.053	7.6	98	0.00
77 T	Bromobenzene	1.134	1.018	10.2	93	0.00
78 T	n-propylbenzene	5.136	4.762	7.3	92	0.00
79 T	2-Chlorotoluene	3.285	2.924	11.0	92	0.00
80 T	1,3,5-Trimethylbenzene	3.920	3.591	8.4	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.298	-12.9	107	0.00
82 T	4-Chlorotoluene	2.986	2.845	4.7	94	0.00
83 T	tert-Butylbenzene	3.508	3.145	10.3	98	0.00
84 T	1,2,4-Trimethylbenzene	3.506	3.495	0.3	94	0.00
85 T	sec-Butylbenzene	4.260	4.086	4.1	97	0.00
86 T	p-Isopropyltoluene	3.502	3.519	-0.5	96	0.00
87 T	1,3-Dichlorobenzene	1.673	1.686	-0.8	95	0.00
88 T	1,4-Dichlorobenzene	1.576	1.631	-3.5	96	0.00
89 T	n-Butylbenzene	2.488	2.799	-12.5	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.662	0.593	10.4	94	0.00
91 T	1,2-Dichlorobenzene	1.658	1.729	-4.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.191	-44.7#	122	0.00
93 T	1,2,4-Trichlorobenzene	0.521	0.660	-26.7#	97	0.00
94 T	Hexachlorobutadiene	0.617	0.589	4.5	99	0.00
95 T	Naphthalene	1.122	1.454	-29.6#	103	0.00
96 T	1,2,3-Trichlorobenzene	0.533	0.710	-33.2#	104	0.00

(#) = Out of Range

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