

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN012920\
 Data File : VN059922.D
 Acq On : 29 Jan 2020 19:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 30 02:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 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	96	0.00
2 T	Dichlorodifluoromethane	0.534	0.525	1.7	84	0.00
3 P	Chloromethane	0.572	0.517	9.6	86	0.00
4 C	Vinyl Chloride	0.655	0.689	-5.2#	94	0.00
5 T	Bromomethane	0.400	0.408	-2.0	96	0.00
6 T	Chloroethane	0.310	0.322	-3.9	99	0.00
7 T	Trichlorofluoromethane	0.787	0.799	-1.5	96	0.00
8 T	Diethyl Ether	0.276	0.293	-6.2	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.438	0.455	-3.9	97	0.00
10 T	Methyl Iodide	0.708	0.743	-4.9	99	0.00
11 T	Tert butyl alcohol	0.093	0.089	4.3	89	0.00
12 CM	1,1-Dichloroethene	0.457	0.450	1.5#	95	0.00
13 T	Acrolein	0.066	0.086	-30.3#	130	0.00
14 T	Allyl chloride	0.617	0.624	-1.1	95	0.00
15 T	Acrylonitrile	0.213	0.230	-8.0	99	0.00
16 T	Acetone	0.224	0.205	8.5	100	0.00
17 T	Carbon Disulfide	1.303	1.120	14.0	82	0.00
18 T	Methyl Acetate	0.649	0.744	-14.6	109	0.00
19 T	Methyl tert-butyl Ether	1.491	1.614	-8.2	103	0.00
20 T	Methylene Chloride	0.557	0.517	7.2	99	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.489	-0.6	96	0.00
22 T	Diisopropyl ether	1.397	1.450	-3.8	99	0.00
23 T	Vinyl Acetate	1.082	0.937	13.4	87	0.00
24 P	1,1-Dichloroethane	0.854	0.890	-4.2	100	0.00
25 T	2-Butanone	0.314	0.294	6.4	91	0.00
26 T	2,2-Dichloropropane	0.821	0.800	2.6	95	0.00
27 T	cis-1,2-Dichloroethene	0.559	0.600	-7.3	102	0.00
28 T	Bromochloromethane	0.341	0.336	1.5	95	0.00
29 T	Tetrahydrofuran	0.195	0.190	2.6	93	0.00
30 C	Chloroform	0.885	0.962	-8.7#	103	0.00
31 T	Cyclohexane	0.822	0.717	12.8	86	0.00
32 T	1,1,1-Trichloroethane	0.818	0.866	-5.9	100	0.00
33 S	1,2-Dichloroethane-d4	0.555	0.557	-0.4	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.298	0.297	0.3	94	0.00
36 T	1,1-Dichloropropene	0.435	0.425	2.3	94	0.00
37 T	Ethyl Acetate	0.408	0.396	2.9	97	0.00
38 T	Carbon Tetrachloride	0.474	0.486	-2.5	100	0.00
39 T	Methylcyclohexane	0.537	0.485	9.7	87	0.00
40 TM	Benzene	1.299	1.305	-0.5	99	0.00
41 T	Methacrylonitrile	0.201	0.177	11.9	87	0.00
42 TM	1,2-Dichloroethane	0.440	0.470	-6.8	104	0.00
43 T	Isopropyl Acetate	0.702	0.693	1.3	96	0.00
44 TM	Trichloroethene	0.354	0.371	-4.8	99	0.00
45 C	1,2-Dichloropropane	0.321	0.336	-4.7#	101	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.227	0.239	-5.3	102	0.00
47 T	Bromodichloromethane	0.457	0.491	-7.4	104	0.00
48 T	Methyl methacrylate	0.314	0.302	3.8	93	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	92	0.00
50 S	Toluene-d8	1.155	1.106	4.2	91	0.00
51 T	4-Methyl-2-Pentanone	0.406	0.405	0.2	97	0.00
52 CM	Toluene	0.820	0.842	-2.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.510	0.546	-7.1	101	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.574	-6.9	101	0.00
55 T	1,1,2-Trichloroethane	0.325	0.354	-8.9	107	0.00
56 T	Ethyl methacrylate	0.496	0.508	-2.4	98	0.00
57 T	1,3-Dichloropropane	0.516	0.560	-8.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.150	0.160	-6.7	93	0.00
59 T	2-Hexanone	0.299	0.293	2.0	90	0.00
60 T	Dibromochloromethane	0.370	0.410	-10.8	106	0.00
61 T	1,2-Dibromoethane	0.340	0.369	-8.5	103	0.00
62 S	4-Bromofluorobenzene	0.416	0.404	2.9	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.408	0.522	-27.9#	116	0.00
65 PM	Chlorobenzene	0.983	1.019	-3.7	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.407	-7.1	107	0.00
67 C	Ethyl Benzene	1.784	1.794	-0.6#	100	0.00
68 T	m/p-Xylenes	0.674	0.683	-1.3	99	0.00
69 T	o-Xylene	0.660	0.672	-1.8	101	0.00
70 T	Styrene	1.104	1.111	-0.6	97	0.00
71 P	Bromoform	0.304	0.336	-10.5	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.667	3.719	-1.4	100	0.00
74 T	N-amyl acetate	1.423	1.368	3.9	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.063	1.119	-5.3	103	0.00
76 T	1,2,3-Trichloropropane	0.841	0.994	-18.2	112	0.00
77 T	Bromobenzene	0.929	0.972	-4.6	102	0.00
78 T	n-propylbenzene	4.116	4.154	-0.9	98	0.00
79 T	2-Chlorotoluene	2.448	2.501	-2.2	102	0.00
80 T	1,3,5-Trimethylbenzene	3.084	3.098	-0.5	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.392	0.404	-3.1	99	0.00
82 T	4-Chlorotoluene	2.456	2.532	-3.1	100	0.00
83 T	tert-Butylbenzene	2.667	2.660	0.3	98	0.00
84 T	1,2,4-Trimethylbenzene	3.051	3.093	-1.4	99	0.00
85 T	sec-Butylbenzene	3.504	3.510	-0.2	97	0.00
86 T	p-Isopropyltoluene	3.243	3.242	0.0	98	0.00
87 T	1,3-Dichlorobenzene	1.613	1.702	-5.5	102	0.00
88 T	1,4-Dichlorobenzene	1.609	1.667	-3.6	101	0.00
89 T	n-Butylbenzene	2.765	2.730	1.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.613	-1.0	98	0.00
91 T	1,2-Dichlorobenzene	1.595	1.671	-4.8	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.257	0.230	10.5	97	0.00
93 T	1,2,4-Trichlorobenzene	0.958	0.961	-0.3	91	0.00
94 T	Hexachlorobutadiene	0.528	0.506	4.2	93	0.00
95 T	Naphthalene	2.726	2.655	2.6	88	0.00
96 T	1,2,3-Trichlorobenzene	0.933	0.930	0.3	93	0.00

(#) = Out of Range

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