

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN033120\
 Data File : VN060777.D
 Acq On : 31 Mar 2020 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 08:36:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 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	92	0.00
2 T	Dichlorodifluoromethane	0.484	0.495	-2.3	90	0.00
3 P	Chloromethane	0.904	0.858	5.1	88	0.00
4 C	Vinyl Chloride	0.707	0.674	4.7#	87	0.00
5 T	Bromomethane	0.305	0.327	-7.2	98	0.00
6 T	Chloroethane	0.407	0.428	-5.2	93	0.00
7 T	Trichlorofluoromethane	0.871	0.909	-4.4	95	0.00
8 T	Diethyl Ether	0.350	0.372	-6.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.554	-9.9	99	0.00
10 T	Methyl Iodide	0.449	0.449	0.0	96	0.00
11 T	Tert butyl alcohol	0.101	0.097	4.0	89	0.00
12 CM	1,1-Dichloroethene	0.541	0.555	-2.6#	94	0.00
13 T	Acrolein	0.112	0.133	-18.8	109	0.00
14 T	Allyl chloride	0.952	1.004	-5.5	100	0.00
15 T	Acrylonitrile	0.297	0.315	-6.1	96	0.00
16 T	Acetone	0.243	0.367	-51.0#	139	0.00
17 T	Carbon Disulfide	1.646	1.621	1.5	91	0.00
18 T	Methyl Acetate	0.684	0.735	-7.5	96	0.00
19 T	Methyl tert-butyl Ether	1.861	1.947	-4.6	97	0.00
20 T	Methylene Chloride	0.598	0.633	-5.9	97	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.602	-4.3	96	0.00
22 T	Diisopropyl ether	2.012	2.239	-11.3	100	0.00
23 T	Vinyl Acetate	1.641	1.824	-11.2	99	0.00
24 P	1,1-Dichloroethane	1.097	1.190	-8.5	99	0.00
25 T	2-Butanone	0.393	0.471	-19.8	108	0.00
26 T	2,2-Dichloropropane	0.863	1.026	-18.9	110	0.00
27 T	cis-1,2-Dichloroethene	0.656	0.700	-6.7	98	0.00
28 T	Bromochloromethane	0.525	0.541	-3.0	93	0.00
29 T	Tetrahydrofuran	0.278	0.280	-0.7	92	0.00
30 C	Chloroform	1.051	1.130	-7.5#	99	0.00
31 T	Cyclohexane	1.106	1.108	-0.2	95	0.00
32 T	1,1,1-Trichloroethane	0.906	0.967	-6.7	96	0.00
33 S	1,2-Dichloroethane-d4	0.686	0.682	0.6	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.302	0.317	-5.0	92	0.00
36 T	1,1-Dichloropropene	0.484	0.539	-11.4	96	0.00
37 T	Ethyl Acetate	0.523	0.546	-4.4	94	0.00
38 T	Carbon Tetrachloride	0.434	0.481	-10.8	95	0.00
39 T	Methylcyclohexane	0.575	0.665	-15.7	100	0.00
40 TM	Benzene	1.462	1.632	-11.6	98	0.00
41 T	Methacrylonitrile	0.223	0.234	-4.9	92	0.00
42 TM	1,2-Dichloroethane	0.499	0.555	-11.2	98	0.00
43 T	Isopropyl Acetate	0.863	0.939	-8.8	95	0.00
44 TM	Trichloroethene	0.368	0.414	-12.5	97	0.00
45 C	1,2-Dichloropropane	0.386	0.441	-14.2#	100	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.233	0.260	-11.6	95	0.00
47 T	Bromodichloromethane	0.484	0.553	-14.3	99	0.00
48 T	Methyl methacrylate	0.384	0.419	-9.1	95	0.00
49 T	1,4-Dioxane	0.005	0.005	0.0	89	0.00
50 S	Toluene-d8	1.235	1.264	-2.3	89	0.00
51 T	4-Methyl-2-Pentanone	0.491	0.541	-10.2	94	0.00
52 CM	Toluene	0.883	0.986	-11.7#	97	0.00
53 T	t-1,3-Dichloropropene	0.557	0.654	-17.4	100	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.699	-14.4	100	0.00
55 T	1,1,2-Trichloroethane	0.340	0.376	-10.6	96	0.00
56 T	Ethyl methacrylate	0.529	0.600	-13.4	94	0.00
57 T	1,3-Dichloropropane	0.589	0.661	-12.2	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.263	0.282	-7.2	89	0.00
59 T	2-Hexanone	0.354	0.415	-17.2	98	0.00
60 T	Dibromochloromethane	0.351	0.401	-14.2	97	0.00
61 T	1,2-Dibromoethane	0.341	0.385	-12.9	95	0.00
62 S	4-Bromofluorobenzene	0.453	0.472	-4.2	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.393	0.428	-8.9	97	0.00
65 PM	Chlorobenzene	0.991	1.097	-10.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.404	-12.5	99	0.00
67 C	Ethyl Benzene	1.843	2.087	-13.2#	98	0.00
68 T	m/p-Xylenes	0.685	0.770	-12.4	98	0.00
69 T	o-Xylene	0.654	0.731	-11.8	96	0.00
70 T	Styrene	1.069	1.216	-13.8	96	0.00
71 P	Bromoform	0.268	0.310	-15.7	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.752	4.017	-7.1	98	0.00
74 T	N-amyl acetate	1.734	1.804	-4.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.135	1.191	-4.9	97	0.00
76 T	1,2,3-Trichloropropane	1.079	0.959	11.1	85	0.00
77 T	Bromobenzene	0.904	0.950	-5.1	98	0.00
78 T	n-propylbenzene	4.433	4.845	-9.3	100	0.00
79 T	2-Chlorotoluene	2.649	2.793	-5.4	98	0.00
80 T	1,3,5-Trimethylbenzene	3.184	3.425	-7.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.420	0.454	-8.1	99	0.00
82 T	4-Chlorotoluene	2.698	2.944	-9.1	100	0.00
83 T	tert-Butylbenzene	2.640	2.876	-8.9	100	0.00
84 T	1,2,4-Trimethylbenzene	3.150	3.455	-9.7	100	0.00
85 T	sec-Butylbenzene	3.550	3.987	-12.3	102	0.00
86 T	p-Isopropyltoluene	3.192	3.603	-12.9	103	0.00
87 T	1,3-Dichlorobenzene	1.595	1.735	-8.8	100	0.00
88 T	1,4-Dichlorobenzene	1.602	1.742	-8.7	100	0.00
89 T	n-Butylbenzene	2.882	3.399	-17.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.464	0.559	-20.5	107	0.00
91 T	1,2-Dichlorobenzene	1.525	1.686	-10.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.255	0.232	9.0	91	0.00
93 T	1,2,4-Trichlorobenzene	0.936	1.092	-16.7	104	0.00
94 T	Hexachlorobutadiene	0.459	0.545	-18.7	110	0.00
95 T	Naphthalene	2.816	2.954	-4.9	93	0.00
96 T	1,2,3-Trichlorobenzene	0.922	1.013	-9.9	101	0.00

(#) = Out of Range

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