

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061920\
 Data File : VN061967.D
 Acq On : 19 Jun 2020 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 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	108	0.00
2 T	Dichlorodifluoromethane	0.582	0.653	-12.2	106	0.00
3 P	Chloromethane	0.694	0.704	-1.4	105	0.00
4 C	Vinyl Chloride	0.827	0.899	-8.7#	110	0.00
5 T	Bromomethane	0.635	0.513	19.2	90	0.00
6 T	Chloroethane	0.560	0.549	2.0	102	0.00
7 T	Trichlorofluoromethane	0.988	1.022	-3.4	107	0.00
8 T	Diethyl Ether	0.332	0.370	-11.4	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.523	-3.2	110	0.00
10 T	Methyl Iodide	0.547	0.626	-14.4	114	0.00
11 T	Tert butyl alcohol	0.093	0.092	1.1	110	0.00
12 CM	1,1-Dichloroethene	0.508	0.541	-6.5#	113	0.00
13 T	Acrolein	0.055	0.066	-20.0	137	0.00
14 T	Allyl chloride	0.674	0.744	-10.4	116	0.00
15 T	Acrylonitrile	0.230	0.264	-14.8	120	0.00
16 T	Acetone	0.198	0.200	-1.0	118	0.00
17 T	Carbon Disulfide	1.486	1.470	1.1	104	0.00
18 T	Methyl Acetate	0.570	0.659	-15.6	126	0.00
19 T	Methyl tert-butyl Ether	1.691	1.868	-10.5	117	0.00
20 T	Methylene Chloride	0.645	0.628	2.6	112	0.00
21 T	trans-1,2-Dichloroethene	0.584	0.603	-3.3	110	0.00
22 T	Diisopropyl ether	1.542	1.691	-9.7	119	0.00
23 T	Vinyl Acetate	1.213	1.393	-14.8	121	0.00
24 P	1,1-Dichloroethane	1.009	1.065	-5.6	115	0.00
25 T	2-Butanone	0.289	0.333	-15.2	123	0.00
26 T	2,2-Dichloropropane	0.849	0.828	2.5	108	0.00
27 T	cis-1,2-Dichloroethene	0.673	0.714	-6.1	114	0.00
28 T	Bromochloromethane	0.449	0.487	-8.5	124	0.00
29 T	Tetrahydrofuran	0.190	0.217	-14.2	122	0.00
30 C	Chloroform	1.079	1.089	-0.9#	111	0.00
31 T	Cyclohexane	0.884	0.887	-0.3	113	0.00
32 T	1,1,1-Trichloroethane	0.919	0.948	-3.2	112	0.00
33 S	1,2-Dichloroethane-d4	0.671	0.658	1.9	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.320	0.308	3.8	108	0.00
36 T	1,1-Dichloropropene	0.456	0.470	-3.1	110	0.00
37 T	Ethyl Acetate	0.356	0.411	-15.4	122	0.00
38 T	Carbon Tetrachloride	0.452	0.453	-0.2	108	0.00
39 T	Methylcyclohexane	0.491	0.526	-7.1	110	0.00
40 TM	Benzene	1.381	1.426	-3.3	112	0.00
41 T	Methacrylonitrile	0.152	0.179	-17.8	136	0.00
42 TM	1,2-Dichloroethane	0.471	0.489	-3.8	112	0.00
43 T	Isopropyl Acetate	0.600	0.700	-16.7	123	0.00
44 TM	Trichloroethene	0.364	0.363	0.3	109	0.00
45 C	1,2-Dichloropropane	0.340	0.365	-7.4#	115	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.239	0.247	-3.3	110	0.00
47 T	Bromodichloromethane	0.490	0.505	-3.1	111	0.00
48 T	Methyl methacrylate	0.273	0.321	-17.6	127	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	100	0.00
50 S	Toluene-d8	1.258	1.214	3.5	109	0.00
51 T	4-Methyl-2-Pentanone	0.355	0.416	-17.2	124	0.00
52 CM	Toluene	0.868	0.931	-7.3#	112	0.00
53 T	t-1,3-Dichloropropene	0.520	0.559	-7.5	114	0.00
54 T	cis-1,3-Dichloropropene	0.564	0.604	-7.1	114	0.00
55 T	1,1,2-Trichloroethane	0.341	0.370	-8.5	115	0.00
56 T	Ethyl methacrylate	0.456	0.530	-16.2	118	0.00
57 T	1,3-Dichloropropane	0.578	0.615	-6.4	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.210	-16.7	124	0.00
59 T	2-Hexanone	0.253	0.305	-20.6	126	0.00
60 T	Dibromochloromethane	0.381	0.397	-4.2	111	0.00
61 T	1,2-Dibromoethane	0.356	0.377	-5.9	113	0.00
62 S	4-Bromofluorobenzene	0.431	0.425	1.4	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.319	0.315	1.3	106	0.00
65 PM	Chlorobenzene	1.055	1.057	-0.2	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.381	-3.5	110	0.00
67 C	Ethyl Benzene	1.769	1.863	-5.3#	111	0.00
68 T	m/p-Xylenes	0.682	0.726	-6.5	111	0.00
69 T	o-Xylene	0.651	0.695	-6.8	110	0.00
70 T	Styrene	1.090	1.184	-8.6	110	0.00
71 P	Bromoform	0.268	0.287	-7.1	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.553	3.754	-5.7	110	0.00
74 T	N-amyl acetate	1.140	1.417	-24.3	127	0.00
75 P	1,1,2,2-Tetrachloroethane	1.155	1.220	-5.6	119	0.00
76 T	1,2,3-Trichloropropane	0.982	1.001	-1.9	116	0.00
77 T	Bromobenzene	0.896	0.901	-0.6	109	0.00
78 T	n-propylbenzene	4.054	4.314	-6.4	112	0.00
79 T	2-Chlorotoluene	2.435	2.560	-5.1	113	0.00
80 T	1,3,5-Trimethylbenzene	2.940	3.103	-5.5	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.360	0.401	-11.4	120	0.00
82 T	4-Chlorotoluene	2.516	2.629	-4.5	111	0.00
83 T	tert-Butylbenzene	2.492	2.592	-4.0	108	0.00
84 T	1,2,4-Trimethylbenzene	2.902	3.126	-7.7	109	0.00
85 T	sec-Butylbenzene	3.262	3.529	-8.2	112	0.00
86 T	p-Isopropyltoluene	2.907	3.155	-8.5	109	0.00
87 T	1,3-Dichlorobenzene	1.635	1.636	-0.1	106	0.00
88 T	1,4-Dichlorobenzene	1.673	1.658	0.9	108	0.00
89 T	n-Butylbenzene	2.427	2.653	-9.3	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.532	0.572	-7.5	112	0.00
91 T	1,2-Dichlorobenzene	1.574	1.625	-3.2	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.188	0.215	-14.4	119	0.00
93 T	1,2,4-Trichlorobenzene	0.743	0.810	-9.0	112	0.00
94 T	Hexachlorobutadiene	0.293	0.316	-7.8	113	0.00
95 T	Naphthalene	2.140	2.449	-14.4	115	0.00
96 T	1,2,3-Trichlorobenzene	0.736	0.797	-8.3	111	0.00

(#) = Out of Range

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