

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061220\
 Data File : VN061805.D
 Acq On : 12 Jun 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 13 07:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 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	82	0.00
2 T	Dichlorodifluoromethane	0.523	0.524	-0.2	76	0.00
3 P	Chloromethane	0.610	0.499	18.2	67	0.00
4 C	Vinyl Chloride	0.836	0.737	11.8#	72	0.00
5 T	Bromomethane	0.480	0.476	0.8	80	-0.02
6 T	Chloroethane	0.538	0.505	6.1	79	-0.01
7 T	Trichlorofluoromethane	1.078	1.076	0.2	83	0.00
8 T	Diethyl Ether	0.330	0.300	9.1	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.478	0.487	-1.9	87	0.00
10 T	Methyl Iodide	0.664	0.617	7.1	77	0.00
11 T	Tert butyl alcohol	0.079	0.082	-3.8	87	0.00
12 CM	1,1-Dichloroethene	0.511	0.470	8.0#	81	0.00
13 T	Acrolein	0.030	0.018	40.0#	66	0.00
14 T	Allyl chloride	0.668	0.550	17.7	70	0.00
15 T	Acrylonitrile	0.221	0.212	4.1	79	0.00
16 T	Acetone	0.211	0.157	25.6#	78	0.00
17 T	Carbon Disulfide	1.124	0.859	23.6	66	0.00
18 T	Methyl Acetate	0.539	0.532	1.3	84	0.00
19 T	Methyl tert-butyl Ether	1.741	1.582	9.1	78	0.00
20 T	Methylene Chloride	0.730	0.558	23.6	85	0.00
21 T	trans-1,2-Dichloroethene	0.576	0.544	5.6	83	0.00
22 T	Diisopropyl ether	1.472	1.347	8.5	76	0.00
23 T	Vinyl Acetate	1.173	0.967	17.6	67	0.00
24 P	1,1-Dichloroethane	0.934	0.885	5.2	80	0.00
25 T	2-Butanone	0.282	0.247	12.4	74	0.00
26 T	2,2-Dichloropropane	0.854	0.720	15.7	75	0.00
27 T	cis-1,2-Dichloroethene	0.652	0.646	0.9	83	0.00
28 T	Bromochloromethane	0.403	0.306	24.1	71	0.00
29 T	Tetrahydrofuran	0.186	0.165	11.3	74	0.00
30 C	Chloroform	1.033	1.028	0.5#	84	0.00
31 T	Cyclohexane	0.840	0.704	16.2	71	0.00
32 T	1,1,1-Trichloroethane	0.941	0.917	2.6	82	0.00
33 S	1,2-Dichloroethane-d4	0.596	0.557	6.5	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.254	0.284	-11.8	82	0.00
36 T	1,1-Dichloropropene	0.443	0.466	-5.2	80	0.00
37 T	Ethyl Acetate	0.357	0.348	2.5	71	0.00
38 T	Carbon Tetrachloride	0.427	0.504	-18.0	87	0.00
39 T	Methylcyclohexane	0.546	0.518	5.1	72	0.00
40 TM	Benzene	1.366	1.465	-7.2	83	0.00
41 T	Methacrylonitrile	0.163	0.157	3.7	82	0.00
42 TM	1,2-Dichloroethane	0.457	0.476	-4.2	81	0.00
43 T	Isopropyl Acetate	0.641	0.596	7.0	71	0.00
44 TM	Trichloroethene	0.420	0.460	-9.5	82	0.00
45 C	1,2-Dichloropropane	0.324	0.352	-8.6#	83	0.00

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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)
46 T	Dibromomethane	0.249	0.267	-7.2	83	0.00
47 T	Bromodichloromethane	0.493	0.549	-11.4	84	0.00
48 T	Methyl methacrylate	0.289	0.263	9.0	72	0.00
49 T	1,4-Dioxane	0.004	0.007	-75.0#	129	0.00
50 S	Toluene-d8	1.175	1.291	-9.9	81	0.00
51 T	4-Methyl-2-Pentanone	0.361	0.359	0.6	74	0.00
52 CM	Toluene	0.891	0.988	-10.9#	84	0.00
53 T	t-1,3-Dichloropropene	0.531	0.551	-3.8	78	0.00
54 T	cis-1,3-Dichloropropene	0.571	0.600	-5.1	80	0.00
55 T	1,1,2-Trichloroethane	0.355	0.396	-11.5	86	0.00
56 T	Ethyl methacrylate	0.496	0.515	-3.8	76	0.00
57 T	1,3-Dichloropropane	0.568	0.621	-9.3	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.212	0.179	15.6	63	0.00
59 T	2-Hexanone	0.260	0.258	0.8	74	0.00
60 T	Dibromochloromethane	0.404	0.470	-16.3	86	0.00
61 T	1,2-Dibromoethane	0.370	0.418	-13.0	85	0.00
62 S	4-Bromofluorobenzene	0.429	0.462	-7.7	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.471	0.519	-10.2	87	0.00
65 PM	Chlorobenzene	1.039	1.114	-7.2	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.433	-11.9	88	0.00
67 C	Ethyl Benzene	1.796	1.925	-7.2#	84	0.00
68 T	m/p-Xylenes	0.712	0.762	-7.0	84	0.00
69 T	o-Xylene	0.677	0.724	-6.9	83	0.00
70 T	Styrene	1.120	1.247	-11.3	85	0.00
71 P	Bromoform	0.298	0.350	-17.4	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.649	3.685	-1.0	85	0.00
74 T	N-amyl acetate	1.149	0.984	14.4	70	0.00
75 P	1,1,2,2-Tetrachloroethane	1.023	0.986	3.6	83	0.00
76 T	1,2,3-Trichloropropane	0.909	0.848	6.7	81	0.00
77 T	Bromobenzene	0.932	0.972	-4.3	87	0.00
78 T	n-propylbenzene	4.074	4.102	-0.7	85	0.00
79 T	2-Chlorotoluene	2.429	2.392	1.5	84	0.00
80 T	1,3,5-Trimethylbenzene	3.050	3.067	-0.6	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.356	0.312	12.4	72	0.00
82 T	4-Chlorotoluene	2.556	2.510	1.8	83	0.00
83 T	tert-Butylbenzene	2.695	2.647	1.8	84	0.00
84 T	1,2,4-Trimethylbenzene	3.030	3.093	-2.1	84	0.00
85 T	sec-Butylbenzene	3.473	3.425	1.4	83	0.00
86 T	p-Isopropyltoluene	3.198	3.198	0.0	83	0.00
87 T	1,3-Dichlorobenzene	1.650	1.758	-6.5	89	0.00
88 T	1,4-Dichlorobenzene	1.680	1.739	-3.5	87	0.00
89 T	n-Butylbenzene	2.679	2.595	3.1	81	0.00

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90 T	Hexachloroethane	0.354	0.448	-26.6#	107	0.00
91 T	1,2-Dichlorobenzene	1.576	1.678	-6.5	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.209	0.175	16.3	72	0.00
93 T	1,2,4-Trichlorobenzene	0.922	0.944	-2.4	83	0.00
94 T	Hexachlorobutadiene	0.393	0.400	-1.8	88	0.00
95 T	Naphthalene	2.806	2.612	6.9	72	0.00
96 T	1,2,3-Trichlorobenzene	0.906	0.945	-4.3	83	0.00

(#) = Out of Range

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