

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN051019\
 Data File : VN055537.D
 Acq On : 10 May 2019 8:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 11 01:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 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	107	0.00
2 T	Dichlorodifluoromethane	0.509	0.453	11.0	102	0.00
3 P	Chloromethane	0.827	0.697	15.7	97	0.00
4 C	Vinyl Chloride	0.781	0.695	11.0#	101	0.00
5 T	Bromomethane	0.428	0.396	7.5	105	0.02
6 T	Chloroethane	0.455	0.427	6.2	108	0.00
7 T	Trichlorofluoromethane	0.856	0.807	5.7	106	0.00
8 T	Diethyl Ether	0.385	0.352	8.6	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.525	3.7	109	0.00
10 T	Methyl Iodide	0.736	0.675	8.3	96	0.00
11 T	Tert butyl alcohol	0.111	0.086	22.5	81	-0.01
12 CM	1,1-Dichloroethene	0.546	0.505	7.5#	103	0.00
13 T	Acrolein	0.074	0.064	13.5	93	0.00
14 T	Allyl chloride	1.119	1.018	9.0	99	0.00
15 T	Acrylonitrile	0.344	0.291	15.4	90	0.00
16 T	Acetone	0.349	0.355	-1.7	113	0.00
17 T	Carbon Disulfide	1.491	1.392	6.6	102	0.00
18 T	Methyl Acetate	0.862	0.598	30.6#	86	0.00
19 T	Methyl tert-butyl Ether	1.816	1.662	8.5	99	0.00
20 T	Methylene Chloride	0.713	0.622	12.8	102	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.560	5.4	105	0.00
22 T	Diisopropyl ether	2.275	2.118	6.9	98	0.00
23 T	Vinyl Acetate	1.759	1.647	6.4	95	0.00
24 P	1,1-Dichloroethane	1.228	1.134	7.7	103	0.00
25 T	2-Butanone	0.482	0.440	8.7	94	0.00
26 T	2,2-Dichloropropane	0.766	0.769	-0.4	108	0.00
27 T	cis-1,2-Dichloroethene	0.685	0.644	6.0	102	0.00
28 T	Bromochloromethane	0.638	0.588	7.8	99	0.00
29 T	Tetrahydrofuran	0.318	0.261	17.9	87	0.00
30 C	Chloroform	1.135	1.051	7.4#	102	0.00
31 T	Cyclohexane	1.215	1.078	11.3	102	0.00
32 T	1,1,1-Trichloroethane	0.864	0.827	4.3	104	0.00
33 S	1,2-Dichloroethane-d4	0.753	0.694	7.8	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.323	0.322	0.3	104	0.00
36 T	1,1-Dichloropropene	0.493	0.494	-0.2	103	0.00
37 T	Ethyl Acetate	0.537	0.477	11.2	89	0.00
38 T	Carbon Tetrachloride	0.415	0.408	1.7	106	0.00
39 T	Methylcyclohexane	0.601	0.602	-0.2	106	0.00
40 TM	Benzene	1.529	1.504	1.6	101	0.00
41 T	Methacrylonitrile	0.249	0.238	4.4	90	0.00
42 TM	1,2-Dichloroethane	0.537	0.505	6.0	101	0.00
43 T	Isopropyl Acetate	0.816	0.758	7.1	90	0.00
44 TM	Trichloroethene	0.364	0.365	-0.3	106	0.00
45 C	1,2-Dichloropropane	0.437	0.425	2.7#	103	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.254	0.244	3.9	101	0.00
47 T	Bromodichloromethane	0.485	0.485	0.0	103	0.00
48 T	Methyl methacrylate	0.393	0.362	7.9	91	0.00
49 T	1,4-Dioxane	0.008	0.007	12.5	85	0.00
50 S	Toluene-d8	1.257	1.288	-2.5	104	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.470	12.5	86	0.00
52 CM	Toluene	0.874	0.880	-0.7#	102	0.00
53 T	t-1,3-Dichloropropene	0.466	0.493	-5.8	102	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.594	-6.6	103	0.00
55 T	1,1,2-Trichloroethane	0.354	0.345	2.5	101	0.00
56 T	Ethyl methacrylate	0.527	0.510	3.2	95	0.00
57 T	1,3-Dichloropropane	0.629	0.617	1.9	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.131	11.5	81	0.00
59 T	2-Hexanone	0.377	0.342	9.3	90	0.00
60 T	Dibromochloromethane	0.322	0.335	-4.0	102	0.00
61 T	1,2-Dibromoethane	0.340	0.336	1.2	99	0.00
62 S	4-Bromofluorobenzene	0.424	0.437	-3.1	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.410	0.399	2.7	105	0.00
65 PM	Chlorobenzene	1.029	1.033	-0.4	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.367	-3.7	106	0.00
67 C	Ethyl Benzene	1.932	1.930	0.1#	102	0.00
68 T	m/p-Xylenes	0.693	0.709	-2.3	103	0.00
69 T	o-Xylene	0.681	0.690	-1.3	102	0.00
70 T	Styrene	1.092	1.153	-5.6	101	0.00
71 P	Bromoform	0.239	0.248	-3.8	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.904	4.334	11.6	103	0.00
74 T	N-amyl acetate	1.898	1.666	12.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.603	1.300	18.9	95	0.00
76 T	1,2,3-Trichloropropane	1.361	1.128	17.1	90	0.00
77 T	Bromobenzene	1.102	1.001	9.2	103	0.00
78 T	n-propylbenzene	5.363	4.992	6.9	102	0.00
79 T	2-Chlorotoluene	3.342	2.994	10.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.999	3.721	7.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.369	0.337	8.7	95	0.00
82 T	4-Chlorotoluene	3.158	2.952	6.5	102	0.00
83 T	tert-Butylbenzene	3.428	3.071	10.4	101	0.00
84 T	1,2,4-Trimethylbenzene	3.667	3.546	3.3	101	0.00
85 T	sec-Butylbenzene	4.555	4.184	8.1	102	0.00
86 T	p-Isopropyltoluene	3.707	3.589	3.2	102	0.00
87 T	1,3-Dichlorobenzene	1.703	1.707	-0.2	103	0.00
88 T	1,4-Dichlorobenzene	1.680	1.635	2.7	103	0.00
89 T	n-Butylbenzene	2.874	2.881	-0.2	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.605	0.551	8.9	100	0.00
91 T	1,2-Dichlorobenzene	1.702	1.661	2.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.230	0.197	14.3	87	0.00
93 T	1,2,4-Trichlorobenzene	0.581	0.664	-14.3	98	0.00
94 T	Hexachlorobutadiene	0.612	0.544	11.1	107	0.00
95 T	Naphthalene	1.723	1.636	5.0	84	0.00
96 T	1,2,3-Trichlorobenzene	0.686	0.700	-2.0	92	0.00

(#) = Out of Range

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