

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN040519\
 Data File : VN054961.D
 Acq On : 5 Apr 2019 9:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 05 23:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 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	100	0.00
2 T	Dichlorodifluoromethane	0.598	0.615	-2.8	100	0.00
3 P	Chloromethane	0.790	0.742	6.1	93	0.00
4 C	Vinyl Chloride	0.691	0.672	2.7#	96	0.00
5 T	Bromomethane	0.394	0.363	7.9	94	0.00
6 T	Chloroethane	0.385	0.362	6.0	97	0.00
7 T	Trichlorofluoromethane	0.839	0.836	0.4	99	0.00
8 T	Diethyl Ether	0.267	0.254	4.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.452	-1.8	103	0.00
10 T	Methyl Iodide	0.626	0.617	1.4	95	0.00
11 T	Tert butyl alcohol	0.034	0.030	11.8	91	0.00
12 CM	1,1-Dichloroethene	0.441	0.426	3.4#	98	0.00
13 T	Acrolein	0.047	0.048	-2.1	92	0.00
14 T	Allyl chloride	0.978	0.985	-0.7	97	0.00
15 T	Acrylonitrile	0.204	0.189	7.4	92	0.00
16 T	Acetone	0.189	0.196	-3.7	104	0.00
17 T	Carbon Disulfide	1.403	1.418	-1.1	99	0.00
18 T	Methyl Acetate	0.491	0.405	17.5	92	0.00
19 T	Methyl tert-butyl Ether	1.430	1.351	5.5	93	0.00
20 T	Methylene Chloride	0.612	0.574	6.2	97	0.00
21 T	trans-1,2-Dichloroethene	0.550	0.544	1.1	97	0.00
22 T	Diisopropyl ether	2.009	1.995	0.7	96	0.00
23 T	Vinyl Acetate	1.398	1.385	0.9	93	0.00
24 P	1,1-Dichloroethane	1.096	1.068	2.6	97	0.00
25 T	2-Butanone	0.248	0.252	-1.6	95	0.00
26 T	2,2-Dichloropropane	0.768	0.780	-1.6	102	0.00
27 T	cis-1,2-Dichloroethene	0.624	0.620	0.6	98	0.00
28 T	Bromochloromethane	0.513	0.478	6.8	94	0.00
29 T	Tetrahydrofuran	0.162	0.150	7.4	91	0.00
30 C	Chloroform	1.038	1.024	1.3#	97	0.00
31 T	Cyclohexane	1.251	1.052	15.9	100	0.00
32 T	1,1,1-Trichloroethane	0.876	0.843	3.8	96	0.00
33 S	1,2-Dichloroethane-d4	0.659	0.659	0.0	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.325	0.340	-4.6	99	0.00
36 T	1,1-Dichloropropene	0.495	0.507	-2.4	99	0.00
37 T	Ethyl Acetate	0.340	0.332	2.4	92	0.00
38 T	Carbon Tetrachloride	0.478	0.469	1.9	96	0.00
39 T	Methylcyclohexane	0.545	0.588	-7.9	101	0.00
40 TM	Benzene	1.426	1.459	-2.3	97	0.00
41 T	Methacrylonitrile	0.194	0.199	-2.6	97	0.00
42 TM	1,2-Dichloroethane	0.501	0.502	-0.2	96	0.00
43 T	Isopropyl Acetate	0.573	0.563	1.7	92	0.00
44 TM	Trichloroethene	0.365	0.382	-4.7	100	0.00
45 C	1,2-Dichloropropane	0.397	0.406	-2.3#	97	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.229	-1.8	97	0.00
47 T	Bromodichloromethane	0.473	0.490	-3.6	97	0.00
48 T	Methyl methacrylate	0.290	0.287	1.0	91	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.235	1.282	-3.8	99	0.00
51 T	4-Methyl-2-Pentanone	0.320	0.314	1.9	91	0.00
52 CM	Toluene	0.840	0.880	-4.8#	97	0.00
53 T	t-1,3-Dichloropropene	0.437	0.473	-8.2	97	0.00
54 T	cis-1,3-Dichloropropene	0.532	0.581	-9.2	99	0.00
55 T	1,1,2-Trichloroethane	0.305	0.308	-1.0	94	0.00
56 T	Ethyl methacrylate	0.398	0.400	-0.5	91	0.00
57 T	1,3-Dichloropropane	0.532	0.538	-1.1	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.157	0.164	-4.5	94	0.00
59 T	2-Hexanone	0.200	0.208	-4.0	94	0.00
60 T	Dibromochloromethane	0.319	0.333	-4.4	95	0.00
61 T	1,2-Dibromoethane	0.286	0.295	-3.1	94	0.00
62 S	4-Bromofluorobenzene	0.412	0.445	-8.0	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.403	0.419	-4.0	103	0.00
65 PM	Chlorobenzene	1.019	1.036	-1.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.385	-3.2	98	0.00
67 C	Ethyl Benzene	1.838	1.905	-3.6#	98	0.00
68 T	m/p-Xylenes	0.672	0.710	-5.7	100	0.00
69 T	o-Xylene	0.655	0.678	-3.5	98	0.00
70 T	Styrene	1.051	1.148	-9.2	99	0.00
71 P	Bromoform	0.224	0.227	-1.3	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	4.224	4.016	4.9	98	0.00
74 T	N-amyl acetate	1.174	1.140	2.9	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.037	0.898	13.4	92	0.00
76 T	1,2,3-Trichloropropane	0.899	0.718	20.1	84	0.00
77 T	Bromobenzene	1.023	0.977	4.5	98	0.00
78 T	n-propylbenzene	4.653	4.634	0.4	101	0.00
79 T	2-Chlorotoluene	2.884	2.738	5.1	99	0.00
80 T	1,3,5-Trimethylbenzene	3.469	3.392	2.2	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.216	0.220	-1.9	100	0.00
82 T	4-Chlorotoluene	2.728	2.746	-0.7	101	0.00
83 T	tert-Butylbenzene	2.951	2.848	3.5	100	0.00
84 T	1,2,4-Trimethylbenzene	3.356	3.361	-0.1	100	0.00
85 T	sec-Butylbenzene	3.817	3.747	1.8	101	0.00
86 T	p-Isopropyltoluene	3.289	3.398	-3.3	104	0.00
87 T	1,3-Dichlorobenzene	1.702	1.705	-0.2	101	0.00
88 T	1,4-Dichlorobenzene	1.620	1.642	-1.4	100	0.00
89 T	n-Butylbenzene	2.628	2.930	-11.5	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.552	0.554	-0.4	100	0.00
91 T	1,2-Dichlorobenzene	1.671	1.647	1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.131	9.7	94	0.00
93 T	1,2,4-Trichlorobenzene	0.743	0.850	-14.4	102	0.00
94 T	Hexachlorobutadiene	0.559	0.560	-0.2	108	0.00
95 T	Naphthalene	1.631	1.651	-1.2	93	0.00
96 T	1,2,3-Trichlorobenzene	0.767	0.805	-5.0	98	0.00

(#) = Out of Range

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