

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055658.D
 Acq On : 18 May 2019 11:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 04:01:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 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	97	0.00
2 T	Dichlorodifluoromethane	0.385	0.350	9.1	94	0.00
3 P	Chloromethane	0.513	0.478	6.8	96	0.00
4 C	Vinyl Chloride	0.556	0.532	4.3#	99	0.00
5 T	Bromomethane	0.354	0.355	-0.3	101	0.00
6 T	Chloroethane	0.309	0.312	-1.0	100	0.00
7 T	Trichlorofluoromethane	0.712	0.698	2.0	98	0.00
8 T	Diethyl Ether	0.286	0.288	-0.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.403	7.1	92	0.00
10 T	Methyl Iodide	0.626	0.596	4.8	91	0.00
11 T	Tert butyl alcohol	0.102	0.087	14.7	82	0.00
12 CM	1,1-Dichloroethene	0.457	0.438	4.2#	97	0.00
13 T	Acrolein	0.055	0.043	21.8	84	0.00
14 T	Allyl chloride	0.737	0.595	19.3	78	0.00
15 T	Acrylonitrile	0.227	0.226	0.4	96	0.00
16 T	Acetone	0.224	0.179	20.1	79	0.00
17 T	Carbon Disulfide	1.269	1.176	7.3	94	0.00
18 T	Methyl Acetate	0.480	0.463	3.5	95	0.00
19 T	Methyl tert-butyl Ether	1.511	1.511	0.0	99	0.00
20 T	Methylene Chloride	0.510	0.495	2.9	99	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.472	2.9	97	0.00
22 T	Diisopropyl ether	1.461	1.412	3.4	96	0.00
23 T	Vinyl Acetate	1.239	1.201	3.1	94	0.00
24 P	1,1-Dichloroethane	0.856	0.858	-0.2	98	0.00
25 T	2-Butanone	0.313	0.287	8.3	88	0.00
26 T	2,2-Dichloropropane	0.760	0.340	55.3#	45#	0.00
27 T	cis-1,2-Dichloroethene	0.566	0.554	2.1	98	0.00
28 T	Bromochloromethane	0.373	0.380	-1.9	97	0.00
29 T	Tetrahydrofuran	0.207	0.195	5.8	93	0.00
30 C	Chloroform	0.879	0.863	1.8#	99	0.00
31 T	Cyclohexane	0.813	0.735	9.6	93	0.00
32 T	1,1,1-Trichloroethane	0.789	0.772	2.2	99	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.563	-2.7	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.318	0.330	-3.8	103	0.00
36 T	1,1-Dichloropropene	0.446	0.409	8.3	96	0.00
37 T	Ethyl Acetate	0.402	0.398	1.0	95	0.00
38 T	Carbon Tetrachloride	0.476	0.439	7.8	99	0.00
39 T	Methylcyclohexane	0.537	0.459	14.5	90	0.00
40 TM	Benzene	1.311	1.252	4.5	99	0.00
41 T	Methacrylonitrile	0.172	0.195	-13.4	104	0.00
42 TM	1,2-Dichloroethane	0.425	0.413	2.8	99	0.00
43 T	Isopropyl Acetate	0.700	0.732	-4.6	108	0.00
44 TM	Trichloroethene	0.370	0.367	0.8	102	0.00
45 C	1,2-Dichloropropane	0.345	0.327	5.2#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.226	0.220	2.7	100	0.00
47 T	Bromodichloromethane	0.474	0.453	4.4	99	0.00
48 T	Methyl methacrylate	0.313	0.304	2.9	95	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	82	0.00
50 S	Toluene-d8	1.201	1.223	-1.8	102	0.00
51 T	4-Methyl-2-Pentanone	0.410	0.380	7.3	95	0.00
52 CM	Toluene	0.822	0.791	3.8#	100	0.00
53 T	t-1,3-Dichloropropene	0.510	0.448	12.2	88	0.00
54 T	cis-1,3-Dichloropropene	0.559	0.487	12.9	88	0.00
55 T	1,1,2-Trichloroethane	0.339	0.327	3.5	102	0.00
56 T	Ethyl methacrylate	0.529	0.502	5.1	99	0.00
57 T	1,3-Dichloropropane	0.536	0.524	2.2	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.225	0.213	5.3	94	0.00
59 T	2-Hexanone	0.289	0.266	8.0	92	0.00
60 T	Dibromochloromethane	0.384	0.388	-1.0	103	0.00
61 T	1,2-Dibromoethane	0.339	0.335	1.2	100	0.00
62 S	4-Bromofluorobenzene	0.415	0.430	-3.6	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.394	0.407	-3.3	109	0.00
65 PM	Chlorobenzene	1.011	0.970	4.1	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.391	3.9	103	0.00
67 C	Ethyl Benzene	1.802	1.683	6.6#	99	0.00
68 T	m/p-Xylenes	0.680	0.639	6.0	99	0.00
69 T	o-Xylene	0.665	0.626	5.9	100	0.00
70 T	Styrene	1.106	1.081	2.3	101	0.00
71 P	Bromoform	0.345	0.349	-1.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	4.076	3.405	16.5	99	0.00
74 T	N-amyl acetate	1.404	1.276	9.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.259	1.060	15.8	99	0.00
76 T	1,2,3-Trichloropropane	1.020	0.898	12.0	103	0.00
77 T	Bromobenzene	1.027	1.055	-2.7	117	0.00
78 T	n-propylbenzene	4.440	3.703	16.6	96	0.00
79 T	2-Chlorotoluene	2.696	2.243	16.8	98	0.00
80 T	1,3,5-Trimethylbenzene	3.428	2.842	17.1	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.271	31.7#	74	0.00
82 T	4-Chlorotoluene	2.616	2.244	14.2	97	0.00
83 T	tert-Butylbenzene	3.002	2.470	17.7	98	0.00
84 T	1,2,4-Trimethylbenzene	3.374	2.828	16.2	97	0.00
85 T	sec-Butylbenzene	3.818	3.158	17.3	96	0.00
86 T	p-Isopropyltoluene	3.509	2.870	18.2	95	0.00
87 T	1,3-Dichlorobenzene	1.698	1.561	8.1	100	0.00
88 T	1,4-Dichlorobenzene	1.621	1.521	6.2	100	0.00
89 T	n-Butylbenzene	2.744	2.282	16.8	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.672	0.581	13.5	99	0.00
91 T	1,2-Dichlorobenzene	1.692	1.549	8.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.227	0.207	8.8	96	0.00
93 T	1,2,4-Trichlorobenzene	0.862	0.900	-4.4	100	0.00
94 T	Hexachlorobutadiene	0.595	0.478	19.7	91	0.00
95 T	Naphthalene	2.320	2.532	-9.1	104	0.00
96 T	1,2,3-Trichlorobenzene	0.901	0.914	-1.4	103	0.00

(#) = Out of Range

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