

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054108.D
 Acq On : 5 Mar 2019 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 06 03:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 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	102	0.00
2 T	Dichlorodifluoromethane	0.460	0.414	10.0	94	0.00
3 P	Chloromethane	0.638	0.594	6.9	99	0.00
4 C	Vinyl Chloride	0.640	0.599	6.4#	99	0.00
5 T	Bromomethane	0.424	0.274	35.4#	73	0.00
6 T	Chloroethane	0.398	0.367	7.8	101	0.00
7 T	Trichlorofluoromethane	0.817	0.766	6.2	101	0.00
8 T	Diethyl Ether	0.306	0.309	-1.0	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.483	6.4	102	0.00
10 T	Methyl Iodide	0.678	0.454	33.0#	67	0.00
11 T	Tert butyl alcohol	0.037	0.039	-5.4	101	0.00
12 CM	1,1-Dichloroethene	0.494	0.463	6.3#	99	0.00
13 T	Acrolein	0.038	0.027	28.9#	87	0.00
14 T	Allyl chloride	0.866	0.876	-1.2	104	0.00
15 T	Acrylonitrile	0.196	0.204	-4.1	103	0.00
16 T	Acetone	0.172	0.148	14.0	90	0.00
17 T	Carbon Disulfide	1.592	1.348	15.3	92	0.00
18 T	Methyl Acetate	0.410	0.464	-13.2	118	0.00
19 T	Methyl tert-butyl Ether	1.324	1.380	-4.2	104	0.00
20 T	Methylene Chloride	0.580	0.555	4.3	103	0.00
21 T	trans-1,2-Dichloroethene	0.534	0.509	4.7	100	0.00
22 T	Diisopropyl ether	1.670	1.753	-5.0	105	0.00
23 T	Vinyl Acetate	1.201	1.253	-4.3	102	0.00
24 P	1,1-Dichloroethane	1.024	1.011	1.3	104	0.00
25 T	2-Butanone	0.230	0.233	-1.3	99	0.00
26 T	2,2-Dichloropropane	0.728	0.698	4.1	100	0.00
27 T	cis-1,2-Dichloroethene	0.594	0.590	0.7	103	0.00
28 T	Bromochloromethane	0.469	0.487	-3.8	104	0.00
29 T	Tetrahydrofuran	0.153	0.159	-3.9	102	0.00
30 C	Chloroform	0.993	0.968	2.5#	102	0.00
31 T	Cyclohexane	1.091	0.915	16.1	101	0.00
32 T	1,1,1-Trichloroethane	0.819	0.803	2.0	102	0.00
33 S	1,2-Dichloroethane-d4	0.586	0.582	0.7	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.323	0.322	0.3	104	0.00
36 T	1,1-Dichloropropene	0.465	0.463	0.4	103	0.00
37 T	Ethyl Acetate	0.332	0.317	4.5	99	0.00
38 T	Carbon Tetrachloride	0.484	0.436	9.9	100	0.00
39 T	Methylcyclohexane	0.560	0.527	5.9	98	0.00
40 TM	Benzene	1.428	1.415	0.9	102	0.00
41 T	Methacrylonitrile	0.214	0.161	24.8	70	-0.02
42 TM	1,2-Dichloroethane	0.442	0.442	0.0	104	0.00
43 T	Isopropyl Acetate	0.561	0.562	-0.2	103	0.00
44 TM	Trichloroethene	0.379	0.365	3.7	100	0.00
45 C	1,2-Dichloropropane	0.385	0.388	-0.8#	105	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	0.224	0.218	2.7	100	0.00
47 T	Bromodichloromethane	0.472	0.470	0.4	103	0.00
48 T	Methyl methacrylate	0.258	0.271	-5.0	104	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	100	0.00
50 S	Toluene-d8	1.204	1.199	0.4	103	0.00
51 T	4-Methyl-2-Pentanone	0.288	0.313	-8.7	103	0.00
52 CM	Toluene	0.841	0.845	-0.5#	101	0.00
53 T	t-1,3-Dichloropropene	0.459	0.467	-1.7	101	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.550	-1.7	102	0.00
55 T	1,1,2-Trichloroethane	0.314	0.310	1.3	101	0.00
56 T	Ethyl methacrylate	0.368	0.396	-7.6	101	0.00
57 T	1,3-Dichloropropane	0.531	0.542	-2.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.176	-8.6	98	0.00
59 T	2-Hexanone	0.187	0.197	-5.3	99	0.00
60 T	Dibromochloromethane	0.349	0.343	1.7	100	0.00
61 T	1,2-Dibromoethane	0.303	0.300	1.0	100	0.00
62 S	4-Bromofluorobenzene	0.401	0.403	-0.5	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.423	0.403	4.7	100	0.00
65 PM	Chlorobenzene	1.055	1.024	2.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.380	0.0	101	0.00
67 C	Ethyl Benzene	1.769	1.770	-0.1#	101	0.00
68 T	m/p-Xylenes	0.668	0.679	-1.6	101	0.00
69 T	o-Xylene	0.656	0.659	-0.5	102	0.00
70 T	Styrene	1.009	1.067	-5.7	100	0.00
71 P	Bromoform	0.265	0.260	1.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.892	3.793	2.5	101	0.00
74 T	N-amyl acetate	1.020	1.098	-7.6	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.973	0.937	3.7	100	0.00
76 T	1,2,3-Trichloropropane	0.802	0.786	2.0	100	0.00
77 T	Bromobenzene	0.988	0.951	3.7	98	0.00
78 T	n-propylbenzene	4.426	4.418	0.2	100	0.00
79 T	2-Chlorotoluene	2.659	2.613	1.7	101	0.00
80 T	1,3,5-Trimethylbenzene	3.186	3.218	-1.0	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.246	3.1	94	0.00
82 T	4-Chlorotoluene	2.628	2.645	-0.6	100	0.00
83 T	tert-Butylbenzene	2.818	2.815	0.1	101	0.00
84 T	1,2,4-Trimethylbenzene	3.181	3.254	-2.3	99	0.00
85 T	sec-Butylbenzene	3.849	3.743	2.8	99	0.00
86 T	p-Isopropyltoluene	3.254	3.243	0.3	99	0.00
87 T	1,3-Dichlorobenzene	1.709	1.656	3.1	97	0.00
88 T	1,4-Dichlorobenzene	1.658	1.607	3.1	96	0.00
89 T	n-Butylbenzene	2.742	2.730	0.4	95	0.00

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90 T	Hexachloroethane	0.631	0.579	8.2	98	0.00
91 T	1,2-Dichlorobenzene	1.655	1.651	0.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.138	0.146	-5.8	105	0.00
93 T	1,2,4-Trichlorobenzene	0.786	0.815	-3.7	89	0.00
94 T	Hexachlorobutadiene	0.598	0.507	15.2	88	0.00
95 T	Naphthalene	1.627	1.715	-5.4	88	0.00
96 T	1,2,3-Trichlorobenzene	0.789	0.798	-1.1	89	0.00

(#) = Out of Range

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