

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121919\
 Data File : VN059673.D
 Acq On : 19 Dec 2019 17:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 03:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	125	0.00
2 T	Dichlorodifluoromethane	0.646	0.533	17.5	111	0.00
3 P	Chloromethane	1.025	0.600	41.5#	76	0.00
4 C	Vinyl Chloride	0.972	0.584	39.9#	79	0.00
5 T	Bromomethane	0.565	0.430	23.9	100	0.01
6 T	Chloroethane	0.546	0.408	25.3#	99	0.00
7 T	Trichlorofluoromethane	1.067	0.808	24.3	94	0.00
8 T	Diethyl Ether	0.333	0.298	10.5	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.533	0.9	131	0.00
10 T	Methyl Iodide	0.712	0.748	-5.1	132	0.00
11 T	Tert butyl alcohol	0.133	0.110	17.3	111	0.00
12 CM	1,1-Dichloroethene	0.524	0.533	-1.7#	133	0.00
13 T	Acrolein	0.095	0.093	2.1	118	0.00
14 T	Allyl chloride	1.077	0.944	12.3	118	0.00
15 T	Acrylonitrile	0.323	0.301	6.8	119	0.00
16 T	Acetone	0.432	0.309	28.5#	93	0.00
17 T	Carbon Disulfide	1.801	1.661	7.8	133	0.00
18 T	Methyl Acetate	0.905	0.789	12.8	117	0.00
19 T	Methyl tert-butyl Ether	1.852	1.647	11.1	114	0.00
20 T	Methylene Chloride	0.624	0.582	6.7	124	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.508	13.2	115	0.00
22 T	Diisopropyl ether	1.985	2.100	-5.8	134	0.00
23 T	Vinyl Acetate	1.558	1.748	-12.2	135	0.00
24 P	1,1-Dichloroethane	1.124	1.154	-2.7	132	0.00
25 T	2-Butanone	0.517	0.467	9.7	116	0.00
26 T	2,2-Dichloropropane	1.022	0.934	8.6	117	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.663	-2.3	130	0.00
28 T	Bromochloromethane	0.386	0.472	-22.3	128	0.00
29 T	Tetrahydrofuran	0.315	0.314	0.3	129	0.00
30 C	Chloroform	1.107	1.062	4.1#	123	0.00
31 T	Cyclohexane	1.062	1.039	2.2	131	0.00
32 T	1,1,1-Trichloroethane	0.998	0.896	10.2	116	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.612	15.9	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.313	0.325	-3.8	120	0.00
36 T	1,1-Dichloropropene	0.521	0.557	-6.9	124	0.00
37 T	Ethyl Acetate	0.606	0.663	-9.4	130	0.00
38 T	Carbon Tetrachloride	0.541	0.528	2.4	115	0.00
39 T	Methylcyclohexane	0.591	0.572	3.2	110	0.00
40 TM	Benzene	1.524	1.704	-11.8	129	0.00
41 T	Methacrylonitrile	0.250	0.300	-20.0	136	0.00
42 TM	1,2-Dichloroethane	0.584	0.561	3.9	110	0.00
43 T	Isopropyl Acetate	0.942	1.009	-7.1	122	0.00
44 TM	Trichloroethene	0.399	0.381	4.5	113	0.00
45 C	1,2-Dichloropropane	0.411	0.407	1.0#	116	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.242	10.4	105	0.00
47 T	Bromodichloromethane	0.537	0.507	5.6	108	0.00
48 T	Methyl methacrylate	0.427	0.371	13.1	99	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	99	0.00
50 S	Toluene-d8	1.239	1.318	-6.4	120	0.00
51 T	4-Methyl-2-Pentanone	0.562	0.631	-12.3	122	0.00
52 CM	Toluene	0.936	1.007	-7.6#	126	0.00
53 T	t-1,3-Dichloropropene	0.622	0.550	11.6	101	0.00
54 T	cis-1,3-Dichloropropene	0.653	0.749	-14.7	130	0.00
55 T	1,1,2-Trichloroethane	0.367	0.353	3.8	111	0.00
56 T	Ethyl methacrylate	0.545	0.550	-0.9	109	0.00
57 T	1,3-Dichloropropane	0.640	0.643	-0.5	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.260	-50.3#	136	0.00
59 T	2-Hexanone	0.443	0.388	12.4	94	0.00
60 T	Dibromochloromethane	0.401	0.398	0.7	112	0.00
61 T	1,2-Dibromoethane	0.390	0.419	-7.4	125	0.00
62 S	4-Bromofluorobenzene	0.452	0.484	-7.1	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.466	0.450	3.4	107	0.00
65 PM	Chlorobenzene	1.082	1.281	-18.4	125	0.00
66 T	1,1,1,2-Tetrachloroethane	0.411	0.471	-14.6	120	0.00
67 C	Ethyl Benzene	1.953	2.290	-17.3#	121	0.00
68 T	m/p-Xylenes	0.721	0.769	-6.7	110	0.00
69 T	o-Xylene	0.686	0.723	-5.4	108	0.00
70 T	Styrene	1.102	1.205	-9.3	109	0.00
71 P	Bromoform	0.309	0.391	-26.5#	126	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.925	4.400	-12.1	123	0.00
74 T	N-amyl acetate	1.800	2.037	-13.2	119	0.00
75 P	1,1,2,2-Tetrachloroethane	1.245	1.390	-11.6	122	0.00
76 T	1,2,3-Trichloropropane	1.238	1.371	-10.7	123	0.00
77 T	Bromobenzene	0.965	1.080	-11.9	127	0.00
78 T	n-propylbenzene	4.640	5.224	-12.6	122	0.00
79 T	2-Chlorotoluene	2.806	3.088	-10.0	123	0.00
80 T	1,3,5-Trimethylbenzene	3.322	3.710	-11.7	122	0.00
81 T	trans-1,4-Dichloro-2-butene	0.501	0.574	-14.6	127	0.00
82 T	4-Chlorotoluene	2.873	3.132	-9.0	121	0.00
83 T	tert-Butylbenzene	2.813	2.984	-6.1	118	0.00
84 T	1,2,4-Trimethylbenzene	3.303	3.611	-9.3	118	0.00
85 T	sec-Butylbenzene	3.742	3.666	2.0	106	0.00
86 T	p-Isopropyltoluene	3.389	3.373	0.5	107	0.00
87 T	1,3-Dichlorobenzene	1.775	1.705	3.9	109	0.00
88 T	1,4-Dichlorobenzene	1.790	1.748	2.3	113	0.00
89 T	n-Butylbenzene	3.177	3.034	4.5	104	0.00

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90 T	Hexachloroethane	0.641	0.624	2.7	106	0.00
91 T	1,2-Dichlorobenzene	1.750	1.722	1.6	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.367	0.275	25.1#	100	0.00
93 T	1,2,4-Trichlorobenzene	1.130	1.030	8.8	108	0.00
94 T	Hexachlorobutadiene	0.605	0.580	4.1	122	0.00
95 T	Naphthalene	3.374	2.836	15.9	100	0.00
96 T	1,2,3-Trichlorobenzene	1.143	0.964	15.7	105	0.00

(#) = Out of Range

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