

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121919\
 Data File : VN059664.D
 Acq On : 19 Dec 2019 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 02:56:56 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	89	0.00
2 T	Dichlorodifluoromethane	0.646	0.839	-29.9#	124	0.00
3 P	Chloromethane	1.025	0.976	4.8	89	0.00
4 C	Vinyl Chloride	0.972	1.105	-13.7#	107	0.00
5 T	Bromomethane	0.565	0.659	-16.6	109	0.01
6 T	Chloroethane	0.546	0.683	-25.1#	118	0.00
7 T	Trichlorofluoromethane	1.067	1.291	-21.0	107	0.00
8 T	Diethyl Ether	0.333	0.368	-10.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.619	-15.1	108	0.00
10 T	Methyl Iodide	0.712	0.810	-13.8	102	0.00
11 T	Tert butyl alcohol	0.133	0.154	-15.8	111	0.00
12 CM	1,1-Dichloroethene	0.524	0.582	-11.1#	104	0.00
13 T	Acrolein	0.095	0.062	34.7#	57	0.00
14 T	Allyl chloride	1.077	1.228	-14.0	109	0.00
15 T	Acrylonitrile	0.323	0.388	-20.1	109	0.00
16 T	Acetone	0.432	0.482	-11.6	103	0.00
17 T	Carbon Disulfide	1.801	1.826	-1.4	104	0.00
18 T	Methyl Acetate	0.905	1.041	-15.0	110	0.00
19 T	Methyl tert-butyl Ether	1.852	2.212	-19.4	109	0.00
20 T	Methylene Chloride	0.624	0.701	-12.3	107	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.657	-12.3	106	0.00
22 T	Diisopropyl ether	1.985	2.449	-23.4	111	0.00
23 T	Vinyl Acetate	1.558	2.092	-34.3#	115	0.00
24 P	1,1-Dichloroethane	1.124	1.345	-19.7	110	0.00
25 T	2-Butanone	0.517	0.619	-19.7	109	0.00
26 T	2,2-Dichloropropane	1.022	1.223	-19.7	109	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.779	-20.2	109	0.00
28 T	Bromochloromethane	0.386	0.501	-29.8#	97	0.00
29 T	Tetrahydrofuran	0.315	0.374	-18.7	110	0.00
30 C	Chloroform	1.107	1.316	-18.9#	109	0.00
31 T	Cyclohexane	1.062	1.205	-13.5	109	0.00
32 T	1,1,1-Trichloroethane	0.998	1.152	-15.4	107	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.780	-7.1	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.313	0.337	-7.7	98	0.00
36 T	1,1-Dichloropropene	0.521	0.632	-21.3	110	0.00
37 T	Ethyl Acetate	0.606	0.727	-20.0	112	0.00
38 T	Carbon Tetrachloride	0.541	0.628	-16.1	107	0.00
39 T	Methylcyclohexane	0.591	0.724	-22.5	109	0.00
40 TM	Benzene	1.524	1.816	-19.2	108	0.00
41 T	Methacrylonitrile	0.250	0.317	-26.8#	113	0.00
42 TM	1,2-Dichloroethane	0.584	0.697	-19.3	107	0.00
43 T	Isopropyl Acetate	0.942	1.156	-22.7	110	0.00
44 TM	Trichloroethene	0.399	0.473	-18.5	110	0.00
45 C	1,2-Dichloropropane	0.411	0.502	-22.1#	112	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.318	-17.8	108	0.00
47 T	Bromodichloromethane	0.537	0.656	-22.2	110	0.00
48 T	Methyl methacrylate	0.427	0.530	-24.1	111	0.00
49 T	1,4-Dioxane	0.006	0.008	-33.3#	109	0.00
50 S	Toluene-d8	1.239	1.360	-9.8	97	0.00
51 T	4-Methyl-2-Pentanone	0.562	0.724	-28.8#	110	0.00
52 CM	Toluene	0.936	1.113	-18.9#	109	0.00
53 T	t-1,3-Dichloropropene	0.622	0.762	-22.5	109	0.00
54 T	cis-1,3-Dichloropropene	0.653	0.801	-22.7	109	0.00
55 T	1,1,2-Trichloroethane	0.367	0.448	-22.1	110	0.00
56 T	Ethyl methacrylate	0.545	0.706	-29.5#	109	0.00
57 T	1,3-Dichloropropane	0.640	0.793	-23.9	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.097	43.9#	40#	0.00
59 T	2-Hexanone	0.443	0.576	-30.0#	109	0.00
60 T	Dibromochloromethane	0.401	0.504	-25.7#	112	0.00
61 T	1,2-Dibromoethane	0.390	0.465	-19.2	109	0.00
62 S	4-Bromofluorobenzene	0.452	0.503	-11.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.466	0.484	-3.9	102	0.00
65 PM	Chlorobenzene	1.082	1.269	-17.3	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.411	0.485	-18.0	109	0.00
67 C	Ethyl Benzene	1.953	2.366	-21.1#	110	0.00
68 T	m/p-Xylenes	0.721	0.878	-21.8	111	0.00
69 T	o-Xylene	0.686	0.838	-22.2	110	0.00
70 T	Styrene	1.102	1.369	-24.2	109	0.00
71 P	Bromoform	0.309	0.385	-24.6	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.925	4.651	-18.5	110	0.00
74 T	N-amyl acetate	1.800	2.190	-21.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	1.245	1.437	-15.4	107	0.00
76 T	1,2,3-Trichloropropane	1.238	1.477	-19.3	112	0.00
77 T	Bromobenzene	0.965	1.091	-13.1	109	0.00
78 T	n-propylbenzene	4.640	5.600	-20.7	111	0.00
79 T	2-Chlorotoluene	2.806	3.256	-16.0	110	0.00
80 T	1,3,5-Trimethylbenzene	3.322	3.966	-19.4	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.501	0.594	-18.6	111	0.00
82 T	4-Chlorotoluene	2.873	3.362	-17.0	110	0.00
83 T	tert-Butylbenzene	2.813	3.330	-18.4	112	0.00
84 T	1,2,4-Trimethylbenzene	3.303	4.011	-21.4	111	0.00
85 T	sec-Butylbenzene	3.742	4.504	-20.4	110	0.00
86 T	p-Isopropyltoluene	3.389	4.093	-20.8	110	0.00
87 T	1,3-Dichlorobenzene	1.775	2.009	-13.2	109	0.00
88 T	1,4-Dichlorobenzene	1.790	2.001	-11.8	110	0.00
89 T	n-Butylbenzene	3.177	3.809	-19.9	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.641	0.775	-20.9	111	0.00
91 T	1,2-Dichlorobenzene	1.750	1.961	-12.1	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.367	0.344	6.3	106	0.00
93 T	1,2,4-Trichlorobenzene	1.130	1.217	-7.7	108	0.00
94 T	Hexachlorobutadiene	0.605	0.647	-6.9	115	0.00
95 T	Naphthalene	3.374	3.523	-4.4	105	0.00
96 T	1,2,3-Trichlorobenzene	1.143	1.172	-2.5	108	0.00

(#) = Out of Range

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