

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032219\
 Data File : VN054547.D
 Acq On : 22 Mar 2019 10:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 12:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 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	99	0.00
2 T	Dichlorodifluoromethane	0.478	0.492	-2.9	98	0.00
3 P	Chloromethane	0.650	0.635	2.3	94	0.00
4 C	Vinyl Chloride	0.653	0.613	6.1#	89	0.00
5 T	Bromomethane	0.422	0.348	17.5	86	0.00
6 T	Chloroethane	0.392	0.334	14.8	84	0.00
7 T	Trichlorofluoromethane	0.793	0.755	4.8	92	0.00
8 T	Diethyl Ether	0.305	0.263	13.8	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.418	10.3	90	0.00
10 T	Methyl Iodide	0.686	0.576	16.0	79	0.00
11 T	Tert butyl alcohol	0.038	0.037	2.6	90	0.00
12 CM	1,1-Dichloroethene	0.482	0.397	17.6#	81	0.00
13 T	Acrolein	0.052	0.048	7.7	88	0.00
14 T	Allyl chloride	0.908	0.924	-1.8	99	0.00
15 T	Acrylonitrile	0.188	0.203	-8.0	100	0.00
16 T	Acetone	0.187	0.206	-10.2	101	0.00
17 T	Carbon Disulfide	1.292	1.184	8.4	92	0.00
18 T	Methyl Acetate	0.417	0.455	-9.1	104	0.00
19 T	Methyl tert-butyl Ether	1.407	1.418	-0.8	96	0.00
20 T	Methylene Chloride	0.551	0.520	5.6	95	0.00
21 T	trans-1,2-Dichloroethene	0.492	0.488	0.8	94	0.00
22 T	Diisopropyl ether	1.791	1.873	-4.6	100	0.00
23 T	Vinyl Acetate	1.265	1.404	-11.0	100	0.00
24 P	1,1-Dichloroethane	0.964	0.984	-2.1	98	0.00
25 T	2-Butanone	0.240	0.279	-16.3	103	0.00
26 T	2,2-Dichloropropane	0.688	0.714	-3.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.587	0.560	4.6	93	0.00
28 T	Bromochloromethane	0.475	0.502	-5.7	100	0.00
29 T	Tetrahydrofuran	0.155	0.173	-11.6	99	0.00
30 C	Chloroform	0.941	0.944	-0.3#	96	0.00
31 T	Cyclohexane	1.121	0.947	15.5	99	0.00
32 T	1,1,1-Trichloroethane	0.777	0.791	-1.8	95	0.00
33 S	1,2-Dichloroethane-d4	0.622	0.624	-0.3	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.322	0.325	-0.9	91	0.00
36 T	1,1-Dichloropropene	0.468	0.476	-1.7	97	0.00
37 T	Ethyl Acetate	0.333	0.371	-11.4	99	0.00
38 T	Carbon Tetrachloride	0.454	0.449	1.1	94	0.00
39 T	Methylcyclohexane	0.535	0.563	-5.2	100	0.00
40 TM	Benzene	1.337	1.367	-2.2	95	0.00
41 T	Methacrylonitrile	0.203	0.201	1.0	94	0.00
42 TM	1,2-Dichloroethane	0.487	0.496	-1.8	97	0.00
43 T	Isopropyl Acetate	0.562	0.638	-13.5	100	0.00
44 TM	Trichloroethene	0.372	0.367	1.3	93	0.00
45 C	1,2-Dichloropropane	0.359	0.385	-7.2#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.226	-5.6	97	0.00
47 T	Bromodichloromethane	0.444	0.465	-4.7	96	0.00
48 T	Methyl methacrylate	0.305	0.333	-9.2	100	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.211	1.200	0.9	91	0.00
51 T	4-Methyl-2-Pentanone	0.311	0.362	-16.4	101	0.00
52 CM	Toluene	0.822	0.824	-0.2#	93	0.00
53 T	t-1,3-Dichloropropene	0.414	0.465	-12.3	97	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.561	-10.0	97	0.00
55 T	1,1,2-Trichloroethane	0.296	0.307	-3.7	95	0.00
56 T	Ethyl methacrylate	0.397	0.438	-10.3	97	0.00
57 T	1,3-Dichloropropane	0.514	0.540	-5.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.163	0.190	-16.6	102	0.00
59 T	2-Hexanone	0.203	0.241	-18.7	104	0.00
60 T	Dibromochloromethane	0.315	0.339	-7.6	95	0.00
61 T	1,2-Dibromoethane	0.292	0.307	-5.1	94	0.00
62 S	4-Bromofluorobenzene	0.412	0.413	-0.2	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.415	0.385	7.2	88	0.00
65 PM	Chlorobenzene	1.017	1.015	0.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.384	-5.2	95	0.00
67 C	Ethyl Benzene	1.796	1.831	-1.9#	95	0.00
68 T	m/p-Xylenes	0.680	0.683	-0.4	94	0.00
69 T	o-Xylene	0.664	0.663	0.2	93	0.00
70 T	Styrene	1.079	1.103	-2.2	93	0.00
71 P	Bromoform	0.222	0.242	-9.0	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	4.029	3.961	1.7	95	0.00
74 T	N-amyl acetate	1.159	1.362	-17.5	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.920	1.001	-8.8	99	0.00
76 T	1,2,3-Trichloropropane	0.793	0.776	2.1	89	0.00
77 T	Bromobenzene	0.999	0.967	3.2	91	0.00
78 T	n-propylbenzene	4.369	4.485	-2.7	97	0.00
79 T	2-Chlorotoluene	2.724	2.663	2.2	94	0.00
80 T	1,3,5-Trimethylbenzene	3.302	3.303	-0.0	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.205	0.238	-16.1	100	0.00
82 T	4-Chlorotoluene	2.641	2.666	-0.9	94	0.00
83 T	tert-Butylbenzene	2.874	2.809	2.3	92	0.00
84 T	1,2,4-Trimethylbenzene	3.240	3.279	-1.2	94	0.00
85 T	sec-Butylbenzene	3.583	3.668	-2.4	97	0.00
86 T	p-Isopropyltoluene	3.206	3.349	-4.5	97	0.00
87 T	1,3-Dichlorobenzene	1.656	1.667	-0.7	92	0.00
88 T	1,4-Dichlorobenzene	1.611	1.605	0.4	91	0.00
89 T	n-Butylbenzene	2.507	2.821	-12.5	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.498	0.538	-8.0	97	0.00
91 T	1,2-Dichlorobenzene	1.604	1.600	0.2	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.153	-13.3	92	0.00
93 T	1,2,4-Trichlorobenzene	0.800	0.884	-10.5	93	0.00
94 T	Hexachlorobutadiene	0.523	0.526	-0.6	99	0.00
95 T	Naphthalene	1.783	1.968	-10.4	92	0.00
96 T	1,2,3-Trichlorobenzene	0.796	0.864	-8.5	92	0.00

(#) = Out of Range

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