

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120519\
 Data File : VN059502.D
 Acq On : 5 Dec 2019 16:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 01:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 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	96	0.00
2 T	Dichlorodifluoromethane	0.556	0.447	19.6	80	0.00
3 P	Chloromethane	0.746	0.612	18.0	81	0.00
4 C	Vinyl Chloride	0.447	0.586	-31.1#	139	0.00
5 T	Bromomethane	0.272	0.237	12.9	91	0.00
6 T	Chloroethane	0.264	0.201	23.9	77	0.00
7 T	Trichlorofluoromethane	0.540	0.457	15.4	84	0.00
8 T	Diethyl Ether	0.352	0.276	21.6	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.531	0.438	17.5	81	0.00
10 T	Methyl Iodide	0.672	0.560	16.7	76	0.00
11 T	Tert butyl alcohol	0.117	0.090	23.1	76	0.02
12 CM	1,1-Dichloroethene	0.519	0.414	20.2#	77	0.00
13 T	Acrolein	0.102	0.087	14.7	80	0.00
14 T	Allyl chloride	1.021	0.831	18.6	80	0.00
15 T	Acrylonitrile	0.317	0.253	20.2	75	0.00
16 T	Acetone	0.422	0.263	37.7#	74	0.00
17 T	Carbon Disulfide	1.770	1.358	23.3	78	0.00
18 T	Methyl Acetate	0.836	0.670	19.9	78	0.00
19 T	Methyl tert-butyl Ether	1.768	1.517	14.2	82	0.00
20 T	Methylene Chloride	0.656	0.499	23.9	80	0.00
21 T	trans-1,2-Dichloroethene	0.580	0.479	17.4	82	0.00
22 T	Diisopropyl ether	1.901	1.672	12.0	83	0.00
23 T	Vinyl Acetate	1.526	1.415	7.3	84	0.00
24 P	1,1-Dichloroethane	1.080	0.925	14.4	82	0.00
25 T	2-Butanone	0.472	0.359	23.9	75	0.00
26 T	2,2-Dichloropropane	0.934	0.798	14.6	83	0.00
27 T	cis-1,2-Dichloroethene	0.644	0.543	15.7	82	0.00
28 T	Bromochloromethane	0.348	0.409	-17.5	92	0.00
29 T	Tetrahydrofuran	0.297	0.236	20.5	76	0.00
30 C	Chloroform	1.043	0.899	13.8#	85	0.00
31 T	Cyclohexane	1.046	0.858	18.0	81	0.00
32 T	1,1,1-Trichloroethane	0.906	0.773	14.7	84	0.00
33 S	1,2-Dichloroethane-d4	0.621	0.639	-2.9	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.311	0.306	1.6	95	0.00
36 T	1,1-Dichloropropene	0.520	0.434	16.5	82	0.00
37 T	Ethyl Acetate	0.581	0.466	19.8	78	0.00
38 T	Carbon Tetrachloride	0.500	0.425	15.0	82	0.00
39 T	Methylcyclohexane	0.626	0.520	16.9	79	0.00
40 TM	Benzene	1.524	1.275	16.3	81	0.00
41 T	Methacrylonitrile	0.236	0.207	12.3	82	-0.01
42 TM	1,2-Dichloroethane	0.518	0.463	10.6	88	0.00
43 T	Isopropyl Acetate	0.864	0.741	14.2	81	0.00
44 TM	Trichloroethene	0.398	0.325	18.3	80	0.00
45 C	1,2-Dichloropropane	0.407	0.349	14.3#	83	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	0.253	0.217	14.2	83	0.00
47 T	Bromodichloromethane	0.508	0.445	12.4	84	0.00
48 T	Methyl methacrylate	0.390	0.333	14.6	81	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	81	0.00
50 S	Toluene-d8	1.228	1.196	2.6	92	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.446	13.1	79	0.00
52 CM	Toluene	0.922	0.776	15.8#	80	0.00
53 T	t-1,3-Dichloropropene	0.598	0.514	14.0	83	0.00
54 T	cis-1,3-Dichloropropene	0.634	0.552	12.9	82	0.00
55 T	1,1,2-Trichloroethane	0.363	0.305	16.0	80	0.00
56 T	Ethyl methacrylate	0.528	0.469	11.2	79	0.00
57 T	1,3-Dichloropropane	0.628	0.538	14.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.169	0.145	14.2	76	0.00
59 T	2-Hexanone	0.386	0.328	15.0	76	0.00
60 T	Dibromochloromethane	0.388	0.337	13.1	83	0.00
61 T	1,2-Dibromoethane	0.375	0.319	14.9	80	0.00
62 S	4-Bromofluorobenzene	0.429	0.426	0.7	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.425	0.324	23.8	77	0.00
65 PM	Chlorobenzene	1.093	0.898	17.8	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.339	13.7	83	0.00
67 C	Ethyl Benzene	1.915	1.651	13.8#	81	0.00
68 T	m/p-Xylenes	0.713	0.608	14.7	79	0.00
69 T	o-Xylene	0.679	0.581	14.4	80	0.00
70 T	Styrene	1.084	0.943	13.0	80	0.00
71 P	Bromoform	0.306	0.261	14.7	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.010	3.324	17.1	79	0.00
74 T	N-amyl acetate	1.615	1.369	15.2	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.073	16.6	79	0.00
76 T	1,2,3-Trichloropropane	1.243	0.992	20.2	83	0.00
77 T	Bromobenzene	1.002	0.796	20.6	79	0.00
78 T	n-propylbenzene	4.666	3.989	14.5	80	0.00
79 T	2-Chlorotoluene	2.813	2.323	17.4	80	0.00
80 T	1,3,5-Trimethylbenzene	3.351	2.813	16.1	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.474	0.392	17.3	78	0.00
82 T	4-Chlorotoluene	2.902	2.387	17.7	80	0.00
83 T	tert-Butylbenzene	2.909	2.375	18.4	78	0.00
84 T	1,2,4-Trimethylbenzene	3.275	2.784	15.0	79	0.00
85 T	sec-Butylbenzene	3.856	3.259	15.5	79	0.00
86 T	p-Isopropyltoluene	3.455	2.953	14.5	80	0.00
87 T	1,3-Dichlorobenzene	1.767	1.433	18.9	80	0.00
88 T	1,4-Dichlorobenzene	1.782	1.398	21.5	78	0.00
89 T	n-Butylbenzene	3.096	2.523	18.5	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.666	0.552	17.1	81	0.00
91 T	1,2-Dichlorobenzene	1.694	1.373	18.9	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.209	31.0#	78	0.00
93 T	1,2,4-Trichlorobenzene	1.034	0.775	25.0#	78	0.00
94 T	Hexachlorobutadiene	0.659	0.494	25.0#	78	0.00
95 T	Naphthalene	3.006	1.969	34.5#	75	0.00
96 T	1,2,3-Trichlorobenzene	1.108	0.770	30.5#	79	0.00

(#) = Out of Range

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