

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120519\
 Data File : VN059491.D
 Acq On : 5 Dec 2019 11:20
 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 06 00:36:46 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	107	0.00
2 T	Dichlorodifluoromethane	0.556	0.456	18.0	91	0.00
3 P	Chloromethane	0.746	0.634	15.0	93	0.00
4 C	Vinyl Chloride	0.447	0.584	-30.6#	154#	0.00
5 T	Bromomethane	0.272	0.223	18.0	96	0.00
6 T	Chloroethane	0.264	0.215	18.6	92	0.00
7 T	Trichlorofluoromethane	0.540	0.452	16.3	93	0.00
8 T	Diethyl Ether	0.352	0.300	14.8	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.531	0.455	14.3	94	0.00
10 T	Methyl Iodide	0.672	0.586	12.8	89	0.00
11 T	Tert butyl alcohol	0.117	0.093	20.5	88	0.02
12 CM	1,1-Dichloroethene	0.519	0.441	15.0#	92	0.00
13 T	Acrolein	0.102	0.080	21.6	82	0.00
14 T	Allyl chloride	1.021	0.871	14.7	93	0.00
15 T	Acrylonitrile	0.317	0.267	15.8	88	0.00
16 T	Acetone	0.422	0.305	27.7#	95	0.00
17 T	Carbon Disulfide	1.770	1.428	19.3	91	0.00
18 T	Methyl Acetate	0.836	0.683	18.3	89	0.00
19 T	Methyl tert-butyl Ether	1.768	1.558	11.9	94	0.00
20 T	Methylene Chloride	0.656	0.515	21.5	92	0.00
21 T	trans-1,2-Dichloroethene	0.580	0.497	14.3	94	0.00
22 T	Diisopropyl ether	1.901	1.718	9.6	95	0.00
23 T	Vinyl Acetate	1.526	1.437	5.8	95	0.00
24 P	1,1-Dichloroethane	1.080	0.964	10.7	95	0.00
25 T	2-Butanone	0.472	0.388	17.8	90	0.00
26 T	2,2-Dichloropropane	0.934	0.822	12.0	95	0.00
27 T	cis-1,2-Dichloroethene	0.644	0.558	13.4	94	0.00
28 T	Bromochloromethane	0.348	0.451	-29.6#	113	0.00
29 T	Tetrahydrofuran	0.297	0.245	17.5	88	0.00
30 C	Chloroform	1.043	0.914	12.4#	96	0.00
31 T	Cyclohexane	1.046	0.885	15.4	93	0.00
32 T	1,1,1-Trichloroethane	0.906	0.783	13.6	94	0.00
33 S	1,2-Dichloroethane-d4	0.621	0.650	-4.7	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.311	0.327	-5.1	111	0.00
36 T	1,1-Dichloropropene	0.520	0.461	11.3	95	0.00
37 T	Ethyl Acetate	0.581	0.478	17.7	88	0.00
38 T	Carbon Tetrachloride	0.500	0.449	10.2	95	0.00
39 T	Methylcyclohexane	0.626	0.561	10.4	94	0.00
40 TM	Benzene	1.524	1.354	11.2	94	0.00
41 T	Methacrylonitrile	0.236	0.216	8.5	94	-0.01
42 TM	1,2-Dichloroethane	0.518	0.459	11.4	95	0.00
43 T	Isopropyl Acetate	0.864	0.767	11.2	92	0.00
44 TM	Trichloroethene	0.398	0.343	13.8	93	0.00
45 C	1,2-Dichloropropane	0.407	0.365	10.3#	95	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	0.221	12.6	93	0.00
47 T	Bromodichloromethane	0.508	0.457	10.0	95	0.00
48 T	Methyl methacrylate	0.390	0.342	12.3	91	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	95	0.00
50 S	Toluene-d8	1.228	1.282	-4.4	108	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.463	9.7	90	0.00
52 CM	Toluene	0.922	0.818	11.3#	92	0.00
53 T	t-1,3-Dichloropropene	0.598	0.537	10.2	95	0.00
54 T	cis-1,3-Dichloropropene	0.634	0.579	8.7	95	0.00
55 T	1,1,2-Trichloroethane	0.363	0.318	12.4	91	0.00
56 T	Ethyl methacrylate	0.528	0.494	6.4	91	0.00
57 T	1,3-Dichloropropane	0.628	0.558	11.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.169	0.105	37.9#	60	0.00
59 T	2-Hexanone	0.386	0.347	10.1	88	0.00
60 T	Dibromochloromethane	0.388	0.351	9.5	95	0.00
61 T	1,2-Dibromoethane	0.375	0.332	11.5	92	0.00
62 S	4-Bromofluorobenzene	0.429	0.457	-6.5	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.425	0.353	16.9	92	0.00
65 PM	Chlorobenzene	1.093	0.948	13.3	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.358	8.9	95	0.00
67 C	Ethyl Benzene	1.915	1.750	8.6#	93	0.00
68 T	m/p-Xylenes	0.713	0.645	9.5	91	0.00
69 T	o-Xylene	0.679	0.610	10.2	91	0.00
70 T	Styrene	1.084	0.999	7.8	92	0.00
71 P	Bromoform	0.306	0.278	9.2	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	4.010	3.497	12.8	92	0.00
74 T	N-amyl acetate	1.615	1.422	12.0	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.098	14.6	90	0.00
76 T	1,2,3-Trichloropropane	1.243	1.045	15.9	96	0.00
77 T	Bromobenzene	1.002	0.836	16.6	91	0.00
78 T	n-propylbenzene	4.666	4.128	11.5	91	0.00
79 T	2-Chlorotoluene	2.813	2.402	14.6	92	0.00
80 T	1,3,5-Trimethylbenzene	3.351	2.945	12.1	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.474	0.412	13.1	91	0.00
82 T	4-Chlorotoluene	2.902	2.489	14.2	92	0.00
83 T	tert-Butylbenzene	2.909	2.525	13.2	92	0.00
84 T	1,2,4-Trimethylbenzene	3.275	2.915	11.0	91	0.00
85 T	sec-Butylbenzene	3.856	3.395	12.0	91	0.00
86 T	p-Isopropyltoluene	3.455	3.078	10.9	92	0.00
87 T	1,3-Dichlorobenzene	1.767	1.502	15.0	92	0.00
88 T	1,4-Dichlorobenzene	1.782	1.493	16.2	92	0.00
89 T	n-Butylbenzene	3.096	2.701	12.8	91	0.00

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90 T	Hexachloroethane	0.666	0.570	14.4	92	0.00
91 T	1,2-Dichlorobenzene	1.694	1.453	14.2	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.213	29.7#	88	0.00
93 T	1,2,4-Trichlorobenzene	1.034	0.867	16.2	96	0.00
94 T	Hexachlorobutadiene	0.659	0.531	19.4	93	0.00
95 T	Naphthalene	3.006	2.234	25.7#	94	0.00
96 T	1,2,3-Trichlorobenzene	1.108	0.874	21.1	100	0.00

(#) = Out of Range

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