

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121119\
 Data File : VN059566.D
 Acq On : 11 Dec 2019 17:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 01:35:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 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	195#	0.00
2 T	Dichlorodifluoromethane	0.577	0.294	49.0#	116	0.00
3 P	Chloromethane	0.873	0.470	46.2#	121	0.00
4 C	Vinyl Chloride	0.860	0.470	45.3#	121	0.00
5 T	Bromomethane	0.524	0.267	49.0#	117	0.00
6 T	Chloroethane	0.514	0.273	46.9#	122	0.00
7 T	Trichlorofluoromethane	1.029	0.575	44.1#	125	0.00
8 T	Diethyl Ether	0.353	0.172	51.3#	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.535	0.278	48.0#	122	0.00
10 T	Methyl Iodide	0.725	0.355	51.0#	115	0.00
11 T	Tert butyl alcohol	0.116	0.063	45.7#	129	0.01
12 CM	1,1-Dichloroethene	0.520	0.261	49.8#	121	0.00
13 T	Acrolein	0.056	0.031	44.6#	182#	0.00
14 T	Allyl chloride	1.001	0.530	47.1#	120	0.00
15 T	Acrylonitrile	0.305	0.166	45.6#	119	0.00
16 T	Acetone	0.326	0.180	44.8#	137	0.00
17 T	Carbon Disulfide	1.938	0.822	57.6#	112	0.00
18 T	Methyl Acetate	0.857	0.441	48.5#	121	0.00
19 T	Methyl tert-butyl Ether	1.730	0.968	44.0#	122	0.00
20 T	Methylene Chloride	0.664	0.304	54.2#	116	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.299	46.5#	122	0.00
22 T	Diisopropyl ether	1.906	1.067	44.0#	122	0.00
23 T	Vinyl Acetate	1.590	0.923	41.9#	121	0.00
24 P	1,1-Dichloroethane	1.082	0.589	45.6#	122	0.00
25 T	2-Butanone	0.439	0.251	42.8#	124	0.00
26 T	2,2-Dichloropropane	0.978	0.540	44.8#	123	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.342	45.5#	122	0.00
28 T	Bromochloromethane	0.344	0.215	37.5#	116	0.00
29 T	Tetrahydrofuran	0.306	0.162	47.1#	120	0.00
30 C	Chloroform	1.068	0.590	44.8#	123	0.00
31 T	Cyclohexane	1.053	0.545	48.2#	122	0.00
32 T	1,1,1-Trichloroethane	0.947	0.518	45.3#	122	0.00
33 S	1,2-Dichloroethane-d4	0.699	0.681	2.6	214#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	194#	0.00
35 S	Dibromofluoromethane	0.298	0.310	-4.0	216#	0.00
36 T	1,1-Dichloropropene	0.513	0.289	43.7#	122	0.00
37 T	Ethyl Acetate	0.533	0.317	40.5#	119	0.00
38 T	Carbon Tetrachloride	0.506	0.286	43.5#	120	0.00
39 T	Methylcyclohexane	0.575	0.331	42.4#	119	0.00
40 TM	Benzene	1.465	0.815	44.4#	119	0.00
41 T	Methacrylonitrile	0.249	0.141	43.4#	112	0.00
42 TM	1,2-Dichloroethane	0.546	0.315	42.3#	120	0.00
43 T	Isopropyl Acetate	0.886	0.507	42.8#	119	0.00
44 TM	Trichloroethene	0.370	0.210	43.2#	122	0.00
45 C	1,2-Dichloropropane	0.388	0.225	42.0#	122	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.257	0.143	44.4#	121	0.00
47 T	Bromodichloromethane	0.510	0.299	41.4#	122	0.00
48 T	Methyl methacrylate	0.387	0.235	39.3#	124	0.00
49 T	1,4-Dioxane	0.005	0.003	40.0#	138	0.00
50 S	Toluene-d8	1.218	1.254	-3.0	224#	0.00
51 T	4-Methyl-2-Pentanone	0.512	0.315	38.5#	120	0.00
52 CM	Toluene	0.873	0.509	41.7#	123	0.00
53 T	t-1,3-Dichloropropene	0.594	0.344	42.1#	122	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.360	40.8#	122	0.00
55 T	1,1,2-Trichloroethane	0.353	0.198	43.9#	120	0.00
56 T	Ethyl methacrylate	0.519	0.314	39.5#	124	0.00
57 T	1,3-Dichloropropane	0.603	0.350	42.0#	121	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.068	53.1#	183#	0.00
59 T	2-Hexanone	0.385	0.238	38.2#	120	0.00
60 T	Dibromochloromethane	0.383	0.221	42.3#	121	0.00
61 T	1,2-Dibromoethane	0.368	0.208	43.5#	120	0.00
62 S	4-Bromofluorobenzene	0.451	0.455	-0.9	194#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	175#	0.00
64 T	Tetrachloroethene	0.365	0.202	44.7#	122	0.00
65 PM	Chlorobenzene	1.048	0.576	45.0#	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.219	44.0#	110	0.00
67 C	Ethyl Benzene	1.885	1.075	43.0#	109	0.00
68 T	m/p-Xylenes	0.707	0.394	44.3#	100	0.00
69 T	o-Xylene	0.658	0.375	43.0#	101	0.00
70 T	Styrene	1.091	0.619	43.3#	101	0.00
71 P	Bromoform	0.307	0.173	43.6#	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	148	0.00
73 T	Isopropylbenzene	3.751	2.120	43.5#	111	0.00
74 T	N-amyl acetate	1.634	0.982	39.9#	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.271	0.671	47.2#	100	0.00
76 T	1,2,3-Trichloropropane	1.279	0.718	43.9#	112	0.00
77 T	Bromobenzene	0.934	0.497	46.8#	99	0.00
78 T	n-propylbenzene	4.609	2.567	44.3#	104	0.00
79 T	2-Chlorotoluene	2.748	1.485	46.0#	104	0.00
80 T	1,3,5-Trimethylbenzene	3.216	1.799	44.1#	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.261	45.1#	107	0.00
82 T	4-Chlorotoluene	2.810	1.553	44.7#	102	0.00
83 T	tert-Butylbenzene	2.682	1.500	44.1#	99	0.00
84 T	1,2,4-Trimethylbenzene	3.176	1.793	43.5#	98	0.00
85 T	sec-Butylbenzene	3.684	2.079	43.6#	99	0.00
86 T	p-Isopropyltoluene	3.292	1.886	42.7#	97	0.00
87 T	1,3-Dichlorobenzene	1.720	0.918	46.6#	96	0.00
88 T	1,4-Dichlorobenzene	1.684	0.904	46.3#	94	0.00
89 T	n-Butylbenzene	3.092	1.801	41.8#	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.605	0.354	41.5#	101	0.00
91 T	1,2-Dichlorobenzene	1.614	0.882	45.4#	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.321	0.151	53.0#	96	0.00
93 T	1,2,4-Trichlorobenzene	1.116	0.575	48.5#	90	0.00
94 T	Hexachlorobutadiene	0.570	0.296	48.1#	86	0.00
95 T	Naphthalene	3.263	1.664	49.0#	93	0.00
96 T	1,2,3-Trichlorobenzene	1.149	0.552	52.0#	89	0.00

(#) = Out of Range

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