

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055374.D
 Acq On : 3 May 2019 3:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 09:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	0.613	0.518	15.5	78	0.00
3 P	Chloromethane	0.759	0.637	16.1	82	0.00
4 C	Vinyl Chloride	0.611	0.565	7.5#	92	0.00
5 T	Bromomethane	0.324	0.305	5.9	91	0.01
6 T	Chloroethane	0.331	0.322	2.7	98	0.00
7 T	Trichlorofluoromethane	0.869	0.801	7.8	93	0.00
8 T	Diethyl Ether	0.304	0.315	-3.6	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.518	0.451	12.9	86	0.00
10 T	Methyl Iodide	0.729	0.704	3.4	90	0.00
11 T	Tert butyl alcohol	0.037	0.037	0.0	95	0.01
12 CM	1,1-Dichloroethene	0.494	0.470	4.9#	94	0.00
13 T	Acrolein	0.029	0.020	31.0#	62	0.00
14 T	Allyl chloride	1.023	0.972	5.0	92	0.00
15 T	Acrylonitrile	0.211	0.212	-0.5	95	0.00
16 T	Acetone	0.204	0.156	23.5	78	0.00
17 T	Carbon Disulfide	1.289	1.089	15.5	80	0.00
18 T	Methyl Acetate	0.591	0.538	9.0	101	0.00
19 T	Methyl tert-butyl Ether	1.389	1.472	-6.0	100	0.00
20 T	Methylene Chloride	0.622	0.567	8.8	95	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.492	5.9	92	0.00
22 T	Diisopropyl ether	2.033	2.111	-3.8	99	0.00
23 T	Vinyl Acetate	1.332	1.393	-4.6	94	0.00
24 P	1,1-Dichloroethane	1.083	1.074	0.8	99	0.00
25 T	2-Butanone	0.261	0.248	5.0	88	0.00
26 T	2,2-Dichloropropane	0.748	0.524	29.9#	69	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.597	-0.3	97	0.00
28 T	Bromochloromethane	0.546	0.527	3.5	96	0.00
29 T	Tetrahydrofuran	0.167	0.174	-4.2	97	0.00
30 C	Chloroform	1.027	1.004	2.2#	97	0.00
31 T	Cyclohexane	1.029	0.906	12.0	89	0.00
32 T	1,1,1-Trichloroethane	0.833	0.811	2.6	96	0.00
33 S	1,2-Dichloroethane-d4	0.654	0.648	0.9	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.328	0.320	2.4	98	0.00
36 T	1,1-Dichloropropene	0.479	0.446	6.9	95	0.00
37 T	Ethyl Acetate	0.367	0.350	4.6	97	0.00
38 T	Carbon Tetrachloride	0.462	0.414	10.4	93	0.00
39 T	Methylcyclohexane	0.509	0.429	15.7	83	0.00
40 TM	Benzene	1.412	1.333	5.6	93	0.00
41 T	Methacrylonitrile	0.195	0.189	3.1	91	0.00
42 TM	1,2-Dichloroethane	0.500	0.473	5.4	96	0.00
43 T	Isopropyl Acetate	0.590	0.618	-4.7	99	0.00
44 TM	Trichloroethene	0.360	0.339	5.8	96	0.00
45 C	1,2-Dichloropropane	0.407	0.389	4.4#	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.223	0.212	4.9	95	0.00
47 T	Bromodichloromethane	0.477	0.459	3.8	95	0.00
48 T	Methyl methacrylate	0.290	0.300	-3.4	98	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.185	1.150	3.0	96	0.00
51 T	4-Methyl-2-Pentanone	0.332	0.336	-1.2	96	0.00
52 CM	Toluene	0.810	0.784	3.2#	95	0.00
53 T	t-1,3-Dichloropropene	0.415	0.408	1.7	89	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.509	1.5	90	0.00
55 T	1,1,2-Trichloroethane	0.301	0.287	4.7	94	0.00
56 T	Ethyl methacrylate	0.370	0.389	-5.1	96	0.00
57 T	1,3-Dichloropropane	0.528	0.516	2.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.097	0.091	6.2	84	0.00
59 T	2-Hexanone	0.208	0.202	2.9	93	0.00
60 T	Dibromochloromethane	0.307	0.308	-0.3	93	0.00
61 T	1,2-Dibromoethane	0.278	0.278	0.0	95	0.00
62 S	4-Bromofluorobenzene	0.370	0.386	-4.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.409	0.400	2.2	101	0.00
65 PM	Chlorobenzene	0.978	0.942	3.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.366	4.4	94	0.00
67 C	Ethyl Benzene	1.765	1.747	1.0#	94	0.00
68 T	m/p-Xylenes	0.630	0.631	-0.2	95	0.00
69 T	o-Xylene	0.625	0.623	0.3	95	0.00
70 T	Styrene	0.959	1.028	-7.2	95	0.00
71 P	Bromoform	0.212	0.217	-2.4	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.997	4.084	18.3	94	0.00
74 T	N-amyl acetate	1.283	1.295	-0.9	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.268	0.997	21.4	93	0.00
76 T	1,2,3-Trichloropropane	1.139	0.939	17.6	94	0.00
77 T	Bromobenzene	1.134	0.960	15.3	94	0.00
78 T	n-propylbenzene	5.136	4.482	12.7	93	0.00
79 T	2-Chlorotoluene	3.285	2.775	15.5	94	0.00
80 T	1,3,5-Trimethylbenzene	3.920	3.394	13.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.215	18.6	83	0.00
82 T	4-Chlorotoluene	2.986	2.655	11.1	95	0.00
83 T	tert-Butylbenzene	3.508	2.859	18.5	96	0.00
84 T	1,2,4-Trimethylbenzene	3.506	3.317	5.4	96	0.00
85 T	sec-Butylbenzene	4.260	3.664	14.0	93	0.00
86 T	p-Isopropyltoluene	3.502	3.179	9.2	93	0.00
87 T	1,3-Dichlorobenzene	1.673	1.557	6.9	95	0.00
88 T	1,4-Dichlorobenzene	1.576	1.514	3.9	95	0.00
89 T	n-Butylbenzene	2.488	2.454	1.4	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.662	0.520	21.5	89	0.00
91 T	1,2-Dichlorobenzene	1.658	1.581	4.6	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.139	-5.3	96	0.00
93 T	1,2,4-Trichlorobenzene	0.521	0.611	-17.3	97	0.00
94 T	Hexachlorobutadiene	0.617	0.512	17.0	93	0.00
95 T	Naphthalene	1.122	1.262	-12.5	96	0.00
96 T	1,2,3-Trichlorobenzene	0.533	0.627	-17.6	99	0.00

(#) = Out of Range

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