

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121520\
 Data File : VX020056.D
 Acq On : 16 Dec 2020 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 16 15:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 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	70	0.00
2 T	Dichlorodifluoromethane	0.458	0.432	5.7	62	0.00
3 P	Chloromethane	0.538	0.503	6.5	68	0.00
4 C	Vinyl Chloride	0.568	0.583	-2.6#	70	0.00
5 T	Bromomethane	0.188	0.146	22.3	53	0.00
6 T	Chloroethane	0.341	0.398	-16.7	78	0.00
7 T	Trichlorofluoromethane	0.791	0.840	-6.2	73	0.00
8 T	Diethyl Ether	0.335	0.362	-8.1	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.453	0.492	-8.6	75	0.00
10 T	Methyl Iodide	0.668	0.525	21.4	54	0.00
11 T	Tert butyl alcohol	0.145	0.153	-5.5	81	0.00
12 CM	1,1-Dichloroethene	0.458	0.492	-7.4#	74	0.00
13 T	Acrolein	0.073	0.065	11.0	66	0.00
14 T	Allyl chloride	0.774	0.829	-7.1	75	0.00
15 T	Acrylonitrile	0.297	0.357	-20.2	85	0.00
16 T	Acetone	0.247	0.284	-15.0	80	0.00
17 T	Carbon Disulfide	1.314	1.146	12.8	61	0.00
18 T	Methyl Acetate	0.604	0.780	-29.1#	89	0.00
19 T	Methyl tert-butyl Ether	1.668	1.932	-15.8	80	0.00
20 T	Methylene Chloride	0.639	0.637	0.3	77	0.00
21 T	trans-1,2-Dichloroethene	0.534	0.568	-6.4	74	0.00
22 T	Diisopropyl ether	1.564	1.879	-20.1	83	0.00
23 T	Vinyl Acetate	1.333	1.574	-18.1	80	0.00
24 P	1,1-Dichloroethane	0.943	1.093	-15.9	81	0.00
25 T	2-Butanone	0.380	0.454	-19.5	84	0.00
26 T	2,2-Dichloropropane	0.812	0.638	21.4	54	0.00
27 T	cis-1,2-Dichloroethene	0.625	0.678	-8.5	77	0.00
28 T	Bromochloromethane	0.450	0.489	-8.7	76	0.00
29 T	Tetrahydrofuran	0.245	0.289	-18.0	83	0.00
30 C	Chloroform	0.970	1.114	-14.8#	80	0.00
31 T	Cyclohexane	0.817	0.855	-4.7	71	0.00
32 T	1,1,1-Trichloroethane	0.835	0.938	-12.3	77	0.00
33 S	1,2-Dichloroethane-d4	0.657	0.680	-3.5	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.323	0.321	0.6	75	0.00
36 T	1,1-Dichloropropene	0.452	0.455	-0.7	74	0.00
37 T	Ethyl Acetate	0.456	0.501	-9.9	83	0.00
38 T	Carbon Tetrachloride	0.442	0.455	-2.9	74	0.00
39 T	Methylcyclohexane	0.531	0.508	4.3	68	0.00
40 TM	Benzene	1.380	1.470	-6.5	78	0.00
41 T	Methacrylonitrile	0.250	0.276	-10.4	81	0.00
42 TM	1,2-Dichloroethane	0.472	0.508	-7.6	78	0.00
43 T	Isopropyl Acetate	0.742	0.801	-8.0	80	0.00
44 TM	Trichloroethene	0.362	0.363	-0.3	73	0.00
45 C	1,2-Dichloropropane	0.345	0.382	-10.7#	81	0.00
46 T	Dibromomethane	0.233	0.250	-7.3	78	0.00
47 T	Bromodichloromethane	0.462	0.508	-10.0	79	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
48 T	Methyl methacrylate	0.365	0.406	-11.2	82	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	80	0.00
50 S	Toluene-d8	1.234	1.214	1.6	73	0.00
51 T	4-Methyl-2-Pentanone	0.453	0.526	-16.1	85	0.00
52 CM	Toluene	0.863	0.902	-4.5#	76	0.00
53 T	t-1,3-Dichloropropene	0.513	0.519	-1.2	71	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.580	-4.1	74	0.00
55 T	1,1,2-Trichloroethane	0.348	0.386	-10.9	81	0.00
56 T	Ethyl methacrylate	0.526	0.589	-12.0	79	0.00
57 T	1,3-Dichloropropane	0.594	0.653	-9.9	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.279	0.317	-13.6	83	0.00
59 T	2-Hexanone	0.351	0.399	-13.7	83	0.00
60 T	Dibromochloromethane	0.353	0.390	-10.5	78	0.00
61 T	1,2-Dibromoethane	0.369	0.397	-7.6	79	0.00
62 S	4-Bromofluorobenzene	0.470	0.466	0.9	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.335	0.345	-3.0	76	0.00
65 PM	Chlorobenzene	0.996	1.023	-2.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.384	-7.0	78	0.00
67 C	Ethyl Benzene	1.768	1.853	-4.8#	76	0.00
68 T	m/p-Xylenes	0.666	0.693	-4.1	75	0.00
69 T	o-Xylene	0.641	0.665	-3.7	75	0.00
70 T	Styrene	1.082	1.172	-8.3	76	0.00
71 P	Bromoform	0.282	0.306	-8.5	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.416	3.678	-7.7	76	0.00
74 T	N-amyl acetate	1.369	1.542	-12.6	78	0.00
75 P	1,1,2,2-Tetrachloroethane	1.204	1.366	-13.5	80	0.00
76 T	1,2,3-Trichloropropane	1.121	1.236	-10.3	78	0.00
77 T	Bromobenzene	0.874	0.936	-7.1	77	0.00
78 T	n-propylbenzene	3.902	4.181	-7.2	74	0.00
79 T	2-Chlorotoluene	2.403	2.564	-6.7	76	0.00
80 T	1,3,5-Trimethylbenzene	2.883	3.114	-8.0	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.388	0.376	3.1	66	0.00
82 T	4-Chlorotoluene	2.814	3.011	-7.0	76	0.00
83 T	tert-Butylbenzene	2.828	3.069	-8.5	75	0.00
84 T	1,2,4-Trimethylbenzene	2.904	3.150	-8.5	74	0.00
85 T	sec-Butylbenzene	3.228	3.562	-10.3	75	0.00
86 T	p-Isopropyltoluene	2.959	3.216	-8.7	73	0.00
87 T	1,3-Dichlorobenzene	1.604	1.654	-3.1	72	0.00
88 T	1,4-Dichlorobenzene	1.634	1.677	-2.6	73	0.00
89 T	n-Butylbenzene	2.621	2.723	-3.9	70	0.00
90 T	Hexachloroethane	0.511	0.559	-9.4	76	0.00
91 T	1,2-Dichlorobenzene	1.564	1.700	-8.7	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.297	-14.7	82	0.00
93 T	1,2,4-Trichlorobenzene	1.018	1.063	-4.4	71	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94 T	Hexachlorobutadiene	0.455	0.483	-6.2	77	0.00
95 T	Naphthalene	3.301	3.822	-15.8	79	0.00
96 T	1,2,3-Trichlorobenzene	0.995	1.117	-12.3	77	0.00

(#) = Out of Range

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