

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX022020\
 Data File : VX014981.D
 Acq On : 20 Feb 2020 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 21 01:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	0.474	0.462	2.5	85	0.00
3 P	Chloromethane	0.537	0.502	6.5	87	0.00
4 C	Vinyl Chloride	0.578	0.540	6.6#	85	0.00
5 T	Bromomethane	0.374	0.361	3.5	96	0.00
6 T	Chloroethane	0.370	0.345	6.8	86	0.00
7 T	Trichlorofluoromethane	0.808	0.791	2.1	91	0.00
8 T	Diethyl Ether	0.335	0.321	4.2	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.460	1.9	93	0.00
10 T	Methyl Iodide	0.451	0.524	-16.2	96	0.00
11 T	Tert butyl alcohol	0.100	0.097	3.0	92	0.00
12 CM	1,1-Dichloroethene	0.458	0.436	4.8#	87	0.00
13 T	Acrolein	0.076	0.062	18.4	78	0.00
14 T	Allyl chloride	0.813	0.760	6.5	89	0.00
15 T	Acrylonitrile	0.253	0.251	0.8	91	0.00
16 T	Acetone	0.333	0.255	23.4#	76	0.00
17 T	Carbon Disulfide	1.281	1.103	13.9	80	0.00
18 T	Methyl Acetate	0.568	0.586	-3.2	95	0.00
19 T	Methyl tert-butyl Ether	1.492	1.504	-0.8	93	0.00
20 T	Methylene Chloride	0.543	0.502	7.6	92	0.00
21 T	trans-1,2-Dichloroethene	0.506	0.473	6.5	88	0.00
22 T	Diisopropyl ether	1.552	1.578	-1.7	93	0.00
23 T	Vinyl Acetate	1.279	1.346	-5.2	94	-0.01
24 P	1,1-Dichloroethane	0.876	0.863	1.5	92	0.00
25 T	2-Butanone	0.384	0.363	5.5	85	0.00
26 T	2,2-Dichloropropane	0.755	0.730	3.3	91	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.553	2.1	91	0.00
28 T	Bromochloromethane	0.339	0.330	2.7	92	-0.02
29 T	Tetrahydrofuran	0.218	0.220	-0.9	89	0.00
30 C	Chloroform	0.869	0.871	-0.2#	93	-0.01
31 T	Cyclohexane	0.798	0.759	4.9	89	-0.01
32 T	1,1,1-Trichloroethane	0.760	0.740	2.6	90	0.00
33 S	1,2-Dichloroethane-d4	0.564	0.534	5.3	94	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.307	0.303	1.3	97	0.00
36 T	1,1-Dichloropropene	0.447	0.441	1.3	89	0.00
37 T	Ethyl Acetate	0.466	0.473	-1.5	92	-0.01
38 T	Carbon Tetrachloride	0.436	0.436	0.0	89	0.00
39 T	Methylcyclohexane	0.559	0.547	2.1	90	0.00
40 TM	Benzene	1.336	1.311	1.9	90	0.00
41 T	Methacrylonitrile	0.251	0.264	-5.2	91	-0.01
42 TM	1,2-Dichloroethane	0.483	0.477	1.2	91	0.00
43 T	Isopropyl Acetate	0.770	0.790	-2.6	93	-0.01
44 TM	Trichloroethene	0.388	0.375	3.4	90	0.00
45 C	1,2-Dichloropropane	0.341	0.342	-0.3#	92	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.233	0.227	2.6	90	0.00
47 T	Bromodichloromethane	0.462	0.462	0.0	91	0.00
48 T	Methyl methacrylate	0.379	0.390	-2.9	91	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	93	0.00
50 S	Toluene-d8	1.173	1.154	1.6	96	0.00
51 T	4-Methyl-2-Pentanone	0.465	0.477	-2.6	91	0.00
52 CM	Toluene	0.849	0.844	0.6#	91	0.00
53 T	t-1,3-Dichloropropene	0.506	0.515	-1.8	91	0.00
54 T	cis-1,3-Dichloropropene	0.559	0.568	-1.6	91	0.00
55 T	1,1,2-Trichloroethane	0.343	0.345	-0.6	92	0.00
56 T	Ethyl methacrylate	0.516	0.541	-4.8	92	0.00
57 T	1,3-Dichloropropane	0.578	0.579	-0.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.270	0.276	-2.2	94	0.00
59 T	2-Hexanone	0.365	0.366	-0.3	87	0.00
60 T	Dibromochloromethane	0.370	0.379	-2.4	90	0.00
61 T	1,2-Dibromoethane	0.371	0.367	1.1	92	0.00
62 S	4-Bromofluorobenzene	0.423	0.422	0.2	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.467	0.407	12.8	80	0.00
65 PM	Chlorobenzene	1.014	0.993	2.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.378	-2.7	93	0.00
67 C	Ethyl Benzene	1.725	1.758	-1.9#	91	0.00
68 T	m/p-Xylenes	0.664	0.666	-0.3	90	0.00
69 T	o-Xylene	0.639	0.654	-2.3	92	0.00
70 T	Styrene	1.080	1.120	-3.7	91	0.00
71 P	Bromoform	0.307	0.325	-5.9	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.136	3.294	-5.0	91	0.00
74 T	N-amyl acetate	1.303	1.409	-8.1	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.025	1.057	-3.1	94	0.00
76 T	1,2,3-Trichloropropane	0.904	0.904	0.0	95	0.00
77 T	Bromobenzene	0.875	0.883	-0.9	92	0.00
78 T	n-propylbenzene	3.627	3.769	-3.9	91	0.00
79 T	2-Chlorotoluene	2.132	2.178	-2.2	91	0.00
80 T	1,3,5-Trimethylbenzene	2.620	2.775	-5.9	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.353	0.358	-1.4	88	0.00
82 T	4-Chlorotoluene	2.525	2.576	-2.0	91	0.00
83 T	tert-Butylbenzene	2.481	2.719	-9.6	98	0.00
84 T	1,2,4-Trimethylbenzene	2.640	2.785	-5.5	92	0.00
85 T	sec-Butylbenzene	3.082	3.246	-5.3	93	0.00
86 T	p-Isopropyltoluene	2.884	3.046	-5.6	92	0.00
87 T	1,3-Dichlorobenzene	1.570	1.562	0.5	90	0.00
88 T	1,4-Dichlorobenzene	1.603	1.567	2.2	90	0.00
89 T	n-Butylbenzene	2.583	2.654	-2.7	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.504	0.542	-7.5	94	0.00
91 T	1,2-Dichlorobenzene	1.540	1.563	-1.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.240	0.231	3.7	89	0.00
93 T	1,2,4-Trichlorobenzene	1.136	1.150	-1.2	91	0.00
94 T	Hexachlorobutadiene	0.550	0.563	-2.4	92	0.00
95 T	Naphthalene	3.022	3.250	-7.5	90	0.00
96 T	1,2,3-Trichlorobenzene	1.098	1.119	-1.9	89	0.00

(#) = Out of Range

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