

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX021920\
 Data File : VX014966.D
 Acq On : 19 Feb 2020 16:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 20 00:58:41 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	97	0.00
2 T	Dichlorodifluoromethane	0.474	0.459	3.2	86	0.00
3 P	Chloromethane	0.537	0.499	7.1	89	0.00
4 C	Vinyl Chloride	0.578	0.541	6.4#	87	0.00
5 T	Bromomethane	0.374	0.355	5.1	97	0.00
6 T	Chloroethane	0.370	0.344	7.0	88	0.00
7 T	Trichlorofluoromethane	0.808	0.764	5.4	90	0.00
8 T	Diethyl Ether	0.335	0.303	9.6	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.442	5.8	92	0.00
10 T	Methyl Iodide	0.451	0.512	-13.5	96	0.00
11 T	Tert butyl alcohol	0.100	0.092	8.0	89	0.00
12 CM	1,1-Dichloroethene	0.458	0.427	6.8#	88	0.00
13 T	Acrolein	0.076	0.071	6.6	90	0.00
14 T	Allyl chloride	0.813	0.754	7.3	90	0.00
15 T	Acrylonitrile	0.253	0.244	3.6	90	0.00
16 T	Acetone	0.333	0.228	31.5#	69	0.00
17 T	Carbon Disulfide	1.281	1.130	11.8	84	0.00
18 T	Methyl Acetate	0.568	0.568	0.0	94	0.00
19 T	Methyl tert-butyl Ether	1.492	1.466	1.7	93	0.00
20 T	Methylene Chloride	0.543	0.498	8.3	93	0.00
21 T	trans-1,2-Dichloroethene	0.506	0.467	7.7	89	0.00
22 T	Diisopropyl ether	1.552	1.546	0.4	93	0.00
23 T	Vinyl Acetate	1.279	1.318	-3.0	94	-0.01
24 P	1,1-Dichloroethane	0.876	0.851	2.9	93	0.00
25 T	2-Butanone	0.384	0.342	10.9	82	0.00
26 T	2,2-Dichloropropane	0.755	0.703	6.9	90	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.542	4.1	92	-0.01
28 T	Bromochloromethane	0.339	0.346	-2.1	99	-0.02
29 T	Tetrahydrofuran	0.218	0.215	1.4	89	0.00
30 C	Chloroform	0.869	0.858	1.3#	93	-0.01
31 T	Cyclohexane	0.798	0.740	7.3	88	-0.01
32 T	1,1,1-Trichloroethane	0.760	0.733	3.6	91	-0.01
33 S	1,2-Dichloroethane-d4	0.564	0.544	3.5	98	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.307	0.312	-1.6	102	0.00
36 T	1,1-Dichloropropene	0.447	0.429	4.0	88	-0.01
37 T	Ethyl Acetate	0.466	0.453	2.8	89	0.00
38 T	Carbon Tetrachloride	0.436	0.433	0.7	90	0.00
39 T	Methylcyclohexane	0.559	0.535	4.3	89	0.00
40 TM	Benzene	1.336	1.300	2.7	91	0.00
41 T	Methacrylonitrile	0.251	0.258	-2.8	91	-0.01
42 TM	1,2-Dichloroethane	0.483	0.473	2.1	91	0.00
43 T	Isopropyl Acetate	0.770	0.772	-0.3	92	-0.01
44 TM	Trichloroethene	0.388	0.369	4.9	90	0.00
45 C	1,2-Dichloropropane	0.341	0.334	2.1#	91	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	0.224	3.9	91	0.00
47 T	Bromodichloromethane	0.462	0.458	0.9	92	0.00
48 T	Methyl methacrylate	0.379	0.382	-0.8	90	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	89	0.00
50 S	Toluene-d8	1.173	1.158	1.3	98	0.00
51 T	4-Methyl-2-Pentanone	0.465	0.470	-1.1	92	0.00
52 CM	Toluene	0.849	0.827	2.6#	90	0.00
53 T	t-1,3-Dichloropropene	0.506	0.502	0.8	90	0.00
54 T	cis-1,3-Dichloropropene	0.559	0.550	1.6	90	0.00
55 T	1,1,2-Trichloroethane	0.343	0.338	1.5	92	0.00
56 T	Ethyl methacrylate	0.516	0.531	-2.9	92	0.00
57 T	1,3-Dichloropropane	0.578	0.564	2.4	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.270	0.289	-7.0	100	0.00
59 T	2-Hexanone	0.365	0.357	2.2	87	0.00
60 T	Dibromochloromethane	0.370	0.377	-1.9	91	0.00
61 T	1,2-Dibromoethane	0.371	0.355	4.3	90	0.00
62 S	4-Bromofluorobenzene	0.423	0.436	-3.1	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.467	0.397	15.0	81	0.00
65 PM	Chlorobenzene	1.014	0.969	4.4	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.366	0.5	93	0.00
67 C	Ethyl Benzene	1.725	1.692	1.9#	91	0.00
68 T	m/p-Xylenes	0.664	0.655	1.4	92	0.00
69 T	o-Xylene	0.639	0.625	2.2	91	0.00
70 T	Styrene	1.080	1.089	-0.8	92	0.00
71 P	Bromoform	0.307	0.311	-1.3	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.136	3.011	4.0	90	0.00
74 T	N-amyl acetate	1.303	1.298	0.4	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.025	0.959	6.4	93	0.00
76 T	1,2,3-Trichloropropane	0.904	0.826	8.6	94	0.00
77 T	Bromobenzene	0.875	0.817	6.6	92	0.00
78 T	n-propylbenzene	3.627	3.487	3.9	91	0.00
79 T	2-Chlorotoluene	2.132	2.010	5.7	92	0.00
80 T	1,3,5-Trimethylbenzene	2.620	2.577	1.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.353	0.330	6.5	88	0.00
82 T	4-Chlorotoluene	2.525	2.410	4.6	92	0.00
83 T	tert-Butylbenzene	2.481	2.450	1.2	96	0.00
84 T	1,2,4-Trimethylbenzene	2.640	2.552	3.3	91	0.00
85 T	sec-Butylbenzene	3.082	3.021	2.0	94	0.00
86 T	p-Isopropyltoluene	2.884	2.802	2.8	92	0.00
87 T	1,3-Dichlorobenzene	1.570	1.448	7.8	90	0.00
88 T	1,4-Dichlorobenzene	1.603	1.460	8.9	91	0.00
89 T	n-Butylbenzene	2.583	2.509	2.9	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.504	0.492	2.4	93	0.00
91 T	1,2-Dichlorobenzene	1.540	1.435	6.8	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.240	0.210	12.5	88	0.00
93 T	1,2,4-Trichlorobenzene	1.136	1.066	6.2	91	0.00
94 T	Hexachlorobutadiene	0.550	0.519	5.6	92	0.00
95 T	Naphthalene	3.022	2.982	1.3	90	0.00
96 T	1,2,3-Trichlorobenzene	1.098	1.045	4.8	91	0.00

(#) = Out of Range

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