

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX033120\
 Data File : VX015456.D
 Acq On : 31 Mar 2020 16:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 08:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 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	117	0.00
2 T	Dichlorodifluoromethane	0.441	0.476	-7.9	156#	0.00
3 P	Chloromethane	0.561	0.549	2.1	106	0.00
4 C	Vinyl Chloride	0.515	0.527	-2.3#	127	0.00
5 T	Bromomethane	0.259	0.250	3.5	110	0.00
6 T	Chloroethane	0.319	0.320	-0.3	117	0.00
7 T	Trichlorofluoromethane	0.691	0.745	-7.8	149	0.00
8 T	Diethyl Ether	0.291	0.279	4.1	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.450	0.486	-8.0	157#	0.00
10 T	Methyl Iodide	0.607	0.567	6.6	92	0.00
11 T	Tert butyl alcohol	0.169	0.152	10.1	94	0.00
12 CM	1,1-Dichloroethene	0.472	0.496	-5.1#	128	0.00
13 T	Acrolein	0.096	0.097	-1.0	108	0.00
14 T	Allyl chloride	1.103	1.118	-1.4	109	0.00
15 T	Acrylonitrile	0.322	0.318	1.2	98	0.00
16 T	Acetone	0.303	0.294	3.0	99	0.00
17 T	Carbon Disulfide	1.440	1.452	-0.8	122	0.00
18 T	Methyl Acetate	0.773	0.759	1.8	99	0.00
19 T	Methyl tert-butyl Ether	1.831	1.824	0.4	101	0.00
20 T	Methylene Chloride	0.566	0.554	2.1	105	0.00
21 T	trans-1,2-Dichloroethene	0.524	0.525	-0.2	113	0.00
22 T	Diisopropyl ether	1.954	2.011	-2.9	105	0.00
23 T	Vinyl Acetate	1.770	1.804	-1.9	101	0.00
24 P	1,1-Dichloroethane	1.029	1.036	-0.7	111	0.00
25 T	2-Butanone	0.487	0.466	4.3	96	0.00
26 T	2,2-Dichloropropane	0.845	0.932	-10.3	129	0.00
27 T	cis-1,2-Dichloroethene	0.606	0.607	-0.2	107	0.00
28 T	Bromochloromethane	0.491	0.485	1.2	100	0.00
29 T	Tetrahydrofuran	0.313	0.298	4.8	96	0.00
30 C	Chloroform	0.990	1.000	-1.0#	107	0.00
31 T	Cyclohexane	0.893	0.952	-6.6	151#	0.00
32 T	1,1,1-Trichloroethane	0.896	0.916	-2.2	120	0.00
33 S	1,2-Dichloroethane-d4	0.705	0.683	3.1	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.320	0.319	0.3	106	0.00
36 T	1,1-Dichloropropene	0.461	0.484	-5.0	126	0.00
37 T	Ethyl Acetate	0.600	0.588	2.0	97	0.00
38 T	Carbon Tetrachloride	0.499	0.512	-2.6	126	0.00
39 T	Methylcyclohexane	0.531	0.571	-7.5	159#	0.00
40 TM	Benzene	1.350	1.378	-2.1	108	0.00
41 T	Methacrylonitrile	0.333	0.340	-2.1	98	0.00
42 TM	1,2-Dichloroethane	0.542	0.559	-3.1	103	0.00
43 T	Isopropyl Acetate	1.013	1.012	0.1	98	0.00
44 TM	Trichloroethene	0.368	0.372	-1.1	113	0.00
45 C	1,2-Dichloropropane	0.369	0.372	-0.8#	104	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	0.242	0.243	-0.4	101	0.00
47 T	Bromodichloromethane	0.516	0.529	-2.5	103	0.00
48 T	Methyl methacrylate	0.506	0.503	0.6	98	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	96	0.00
50 S	Toluene-d8	1.177	1.163	1.2	109	0.00
51 T	4-Methyl-2-Pentanone	0.574	0.573	0.2	97	0.00
52 CM	Toluene	0.832	0.863	-3.7#	110	0.00
53 T	t-1,3-Dichloropropene	0.605	0.603	0.3	101	0.00
54 T	cis-1,3-Dichloropropene	0.616	0.633	-2.8	104	0.00
55 T	1,1,2-Trichloroethane	0.341	0.346	-1.5	102	0.00
56 T	Ethyl methacrylate	0.601	0.610	-1.5	100	0.00
57 T	1,3-Dichloropropane	0.614	0.612	0.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.292	0.295	-1.0	99	0.00
59 T	2-Hexanone	0.433	0.438	-1.2	97	0.00
60 T	Dibromochloromethane	0.410	0.412	-0.5	99	0.00
61 T	1,2-Dibromoethane	0.371	0.375	-1.1	100	0.00
62 S	4-Bromofluorobenzene	0.478	0.481	-0.6	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.377	0.370	1.9	116	0.00
65 PM	Chlorobenzene	0.997	1.001	-0.4	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.404	-1.5	104	0.00
67 C	Ethyl Benzene	1.769	1.818	-2.8#	112	0.00
68 T	m/p-Xylenes	0.659	0.693	-5.2	114	0.00
69 T	o-Xylene	0.651	0.668	-2.6	108	0.00
70 T	Styrene	1.145	1.153	-0.7	105	0.00
71 P	Bromoform	0.363	0.360	0.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.276	3.397	-3.7	120	0.00
74 T	N-amyl acetate	1.822	1.862	-2.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	1.124	1.095	2.6	102	0.00
76 T	1,2,3-Trichloropropane	1.028	1.035	-0.7	101	0.00
77 T	Bromobenzene	0.874	0.849	2.9	102	0.00
78 T	n-propylbenzene	3.746	3.869	-3.3	118	0.00
79 T	2-Chlorotoluene	2.296	2.322	-1.1	110	0.00
80 T	1,3,5-Trimethylbenzene	2.798	2.869	-2.5	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.429	0.427	0.5	100	0.00
82 T	4-Chlorotoluene	2.692	2.767	-2.8	112	0.00
83 T	tert-Butylbenzene	2.733	2.810	-2.8	118	0.00
84 T	1,2,4-Trimethylbenzene	2.851	2.937	-3.0	113	0.00
85 T	sec-Butylbenzene	3.161	3.290	-4.1	127	0.00
86 T	p-Isopropyltoluene	2.934	3.070	-4.6	122	0.00
87 T	1,3-Dichlorobenzene	1.564	1.584	-1.3	110	0.00
88 T	1,4-Dichlorobenzene	1.593	1.599	-0.4	109	0.00
89 T	n-Butylbenzene	2.652	2.803	-5.7	127	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.571	0.581	-1.8	116	0.00
91 T	1,2-Dichlorobenzene	1.531	1.525	0.4	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.317	0.288	9.1	99	0.00
93 T	1,2,4-Trichlorobenzene	1.211	1.202	0.7	109	0.00
94 T	Hexachlorobutadiene	0.577	0.562	2.6	128	0.00
95 T	Naphthalene	3.694	3.662	0.9	101	0.00
96 T	1,2,3-Trichlorobenzene	1.166	1.186	-1.7	106	0.00

(#) = Out of Range

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