

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014611.D
 Acq On : 10 Jan 2020 20:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 04:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	83	0.00
2 T	Dichlorodifluoromethane	0.282	0.272	3.5	84	0.00
3 P	Chloromethane	0.346	0.319	7.8	89	0.00
4 C	Vinyl Chloride	0.508	0.526	-3.5#	90	0.00
5 T	Bromomethane	0.314	0.327	-4.1	90	0.00
6 T	Chloroethane	0.290	0.309	-6.6	90	0.00
7 T	Trichlorofluoromethane	0.254	0.240	5.5	79	0.00
8 T	Diethyl Ether	0.253	0.277	-9.5	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.518	-9.1	92	0.00
10 T	Methyl Iodide	0.717	0.745	-3.9	87	0.00
11 T	Tert butyl alcohol	0.038	0.039	-2.6	88	0.00
12 CM	1,1-Dichloroethene	0.498	0.535	-7.4#	90	0.00
13 T	Acrolein	0.038	0.053	-39.5#	107	0.00
14 T	Allyl chloride	0.760	0.802	-5.5	87	0.00
15 T	Acrylonitrile	0.116	0.139	-19.8	92	0.00
16 T	Acetone	0.123	0.144	-17.1	94	0.00
17 T	Carbon Disulfide	1.500	1.512	-0.8	84	0.00
18 T	Methyl Acetate	0.298	0.344	-15.4	90	0.00
19 T	Methyl tert-butyl Ether	0.618	0.729	-18.0	95	0.00
20 T	Methylene Chloride	0.572	0.537	6.1	88	0.00
21 T	trans-1,2-Dichloroethene	0.528	0.559	-5.9	88	0.00
22 T	Diisopropyl ether	1.423	1.557	-9.4	90	0.00
23 T	Vinyl Acetate	0.859	0.940	-9.4	85	0.00
24 P	1,1-Dichloroethane	0.898	0.955	-6.3	89	0.00
25 T	2-Butanone	0.158	0.189	-19.6	91	0.00
26 T	2,2-Dichloropropane	0.497	0.505	-1.6	89	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.593	-6.8	89	0.00
28 T	Bromochloromethane	0.352	0.401	-13.9	94	0.00
29 T	Tetrahydrofuran	0.098	0.115	-17.3	89	0.00
30 C	Chloroform	0.840	0.896	-6.7#	90	0.00
31 T	Cyclohexane	0.933	0.954	-2.3	89	0.00
32 T	1,1,1-Trichloroethane	0.675	0.731	-8.3	90	0.00
33 S	1,2-Dichloroethane-d4	0.437	0.443	-1.4	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.286	0.293	-2.4	84	0.00
36 T	1,1-Dichloropropene	0.482	0.519	-7.7	89	0.00
37 T	Ethyl Acetate	0.219	0.258	-17.8	90	0.00
38 T	Carbon Tetrachloride	0.418	0.454	-8.6	90	0.00
39 T	Methylcyclohexane	0.619	0.684	-10.5	91	0.00
40 TM	Benzene	1.364	1.467	-7.6	90	0.00
41 T	Methacrylonitrile	0.122	0.144	-18.0	91	0.00
42 TM	1,2-Dichloroethane	0.354	0.388	-9.6	90	0.00
43 T	Isopropyl Acetate	0.397	0.469	-18.1	91	0.00
44 TM	Trichloroethene	0.369	0.404	-9.5	92	0.00
45 C	1,2-Dichloropropane	0.335	0.364	-8.7#	90	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.165	0.183	-10.9	89	0.00
47 T	Bromodichloromethane	0.408	0.452	-10.8	90	0.00
48 T	Methyl methacrylate	0.194	0.231	-19.1	90	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	86	0.00
50 S	Toluene-d8	1.193	1.215	-1.8	84	0.00
51 T	4-Methyl-2-Pentanone	0.206	0.252	-22.3	92	0.00
52 CM	Toluene	0.858	0.934	-8.9#	89	0.00
53 T	t-1,3-Dichloropropene	0.422	0.468	-10.9	88	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.563	-9.1	88	0.00
55 T	1,1,2-Trichloroethane	0.241	0.272	-12.9	91	0.00
56 T	Ethyl methacrylate	0.314	0.383	-22.0	92	0.00
57 T	1,3-Dichloropropane	0.424	0.481	-13.4	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.095	0.120	-26.3#	95	0.00
59 T	2-Hexanone	0.142	0.183	-28.9#	94	0.00
60 T	Dibromochloromethane	0.272	0.303	-11.4	89	0.00
61 T	1,2-Dibromoethane	0.229	0.262	-14.4	91	0.00
62 S	4-Bromofluorobenzene	0.404	0.427	-5.7	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.362	0.453	-25.1#	107	0.00
65 PM	Chlorobenzene	1.024	1.083	-5.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.345	0.371	-7.5	90	0.00
67 C	Ethyl Benzene	1.846	2.002	-8.5#	91	0.00
68 T	m/p-Xylenes	0.707	0.761	-7.6	90	0.00
69 T	o-Xylene	0.653	0.714	-9.3	92	0.00
70 T	Styrene	1.104	1.219	-10.4	91	0.00
71 P	Bromoform	0.188	0.208	-10.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.669	4.137	-12.8	92	0.00
74 T	N-amyl acetate	0.823	1.012	-23.0	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.662	0.745	-12.5	88	0.00
76 T	1,2,3-Trichloropropane	0.473	0.464	1.9	72	0.00
77 T	Bromobenzene	0.852	0.940	-10.3	90	0.00
78 T	n-propylbenzene	4.314	4.816	-11.6	91	0.00
79 T	2-Chlorotoluene	2.455	2.690	-9.6	90	0.00
80 T	1,3,5-Trimethylbenzene	3.080	3.440	-11.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.212	0.249	-17.5	87	0.00
82 T	4-Chlorotoluene	2.551	2.794	-9.5	90	0.00
83 T	tert-Butylbenzene	2.697	3.050	-13.1	92	0.00
84 T	1,2,4-Trimethylbenzene	3.065	3.379	-10.2	90	0.00
85 T	sec-Butylbenzene	3.733	4.270	-14.4	93	0.00
86 T	p-Isopropyltoluene	3.403	3.883	-14.1	92	0.00
87 T	1,3-Dichlorobenzene	1.657	1.824	-10.1	90	0.00
88 T	1,4-Dichlorobenzene	1.636	1.795	-9.7	90	0.00
89 T	n-Butylbenzene	3.160	3.650	-15.5	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.594	0.651	-9.6	89	0.00
91 T	1,2-Dichlorobenzene	1.456	1.627	-11.7	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.123	-17.1	89	0.00
93 T	1,2,4-Trichlorobenzene	0.983	1.165	-18.5	91	0.00
94 T	Hexachlorobutadiene	0.659	0.748	-13.5	93	0.00
95 T	Naphthalene	1.677	2.251	-34.2#	95	0.00
96 T	1,2,3-Trichlorobenzene	0.857	1.021	-19.1	91	0.00

(#) = Out of Range

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