

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 06:31:58 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	67	0.00
2 T	Dichlorodifluoromethane	0.282	0.284	-0.7	72	0.00
3 P	Chloromethane	0.346	0.361	-4.3	82	0.00
4 C	Vinyl Chloride	0.508	0.572	-12.6#	79	0.00
5 T	Bromomethane	0.314	0.368	-17.2	82	0.00
6 T	Chloroethane	0.290	0.380	-31.0#	90	0.00
7 T	Trichlorofluoromethane	0.254	0.293	-15.4	79	0.00
8 T	Diethyl Ether	0.253	0.290	-14.6	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.475	0.531	-11.8	77	0.00
10 T	Methyl Iodide	0.717	0.747	-4.2	71	0.00
11 T	Tert butyl alcohol	0.038	0.042	-10.5	78	0.00
12 CM	1,1-Dichloroethene	0.498	0.537	-7.8#	74	0.00
13 T	Acrolein	0.038	0.060	-57.9#	98	0.00
14 T	Allyl chloride	0.760	0.897	-18.0	79	0.00
15 T	Acrylonitrile	0.116	0.151	-30.2#	82	0.00
16 T	Acetone	0.123	0.133	-8.1	71	0.00
17 T	Carbon Disulfide	1.500	1.540	-2.7	70	0.00
18 T	Methyl Acetate	0.298	0.386	-29.5#	82	0.00
19 T	Methyl tert-butyl Ether	0.618	0.841	-36.1#	89	0.00
20 T	Methylene Chloride	0.572	0.583	-1.9	78	0.00
21 T	trans-1,2-Dichloroethene	0.528	0.580	-9.8	75	0.00
22 T	Diisopropyl ether	1.423	1.806	-26.9#	85	0.00
23 T	Vinyl Acetate	0.859	1.084	-26.2#	80	0.00
24 P	1,1-Dichloroethane	0.898	1.055	-17.5	80	0.00
25 T	2-Butanone	0.158	0.196	-24.1	77	0.00
26 T	2,2-Dichloropropane	0.497	0.554	-11.5	80	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.621	-11.9	76	0.00
28 T	Bromochloromethane	0.352	0.521	-48.0#	99	0.00
29 T	Tetrahydrofuran	0.098	0.127	-29.6#	81	0.00
30 C	Chloroform	0.840	0.991	-18.0#	81	0.00
31 T	Cyclohexane	0.933	1.001	-7.3	76	0.00
32 T	1,1,1-Trichloroethane	0.675	0.785	-16.3	79	0.00
33 S	1,2-Dichloroethane-d4	0.437	0.536	-22.7	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.286	0.320	-11.9	78	0.00
36 T	1,1-Dichloropropene	0.482	0.530	-10.0	77	0.00
37 T	Ethyl Acetate	0.219	0.280	-27.9#	83	0.00
38 T	Carbon Tetrachloride	0.418	0.461	-10.3	77	0.00
39 T	Methylcyclohexane	0.619	0.651	-5.2	74	0.00
40 TM	Benzene	1.364	1.522	-11.6	79	0.00
41 T	Methacrylonitrile	0.122	0.158	-29.5#	85	0.00
42 TM	1,2-Dichloroethane	0.354	0.425	-20.1	83	0.00
43 T	Isopropyl Acetate	0.397	0.496	-24.9	82	0.00
44 TM	Trichloroethene	0.369	0.390	-5.7	75	0.00
45 C	1,2-Dichloropropane	0.335	0.386	-15.2#	81	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.165	0.191	-15.8	78	0.00
47 T	Bromodichloromethane	0.408	0.475	-16.4	80	0.00
48 T	Methyl methacrylate	0.194	0.248	-27.8#	82	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	72	0.00
50 S	Toluene-d8	1.193	1.296	-8.6	76	0.00
51 T	4-Methyl-2-Pentanone	0.206	0.268	-30.1#	83	0.00
52 CM	Toluene	0.858	0.937	-9.2#	76	0.00
53 T	t-1,3-Dichloropropene	0.422	0.490	-16.1	78	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.579	-12.2	77	0.00
55 T	1,1,2-Trichloroethane	0.241	0.278	-15.4	78	0.00
56 T	Ethyl methacrylate	0.314	0.383	-22.0	78	0.00
57 T	1,3-Dichloropropane	0.424	0.490	-15.6	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.095	0.142	-49.5#	96	0.00
59 T	2-Hexanone	0.142	0.185	-30.3#	81	0.00
60 T	Dibromochloromethane	0.272	0.305	-12.1	76	0.00
61 T	1,2-Dibromoethane	0.229	0.261	-14.0	77	0.00
62 S	4-Bromofluorobenzene	0.404	0.445	-10.1	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.362	0.400	-10.5	80	0.00
65 PM	Chlorobenzene	1.024	1.090	-6.4	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.345	0.374	-8.4	76	0.00
67 C	Ethyl Benzene	1.846	2.012	-9.0#	77	0.00
68 T	m/p-Xylenes	0.707	0.759	-7.4	76	0.00
69 T	o-Xylene	0.653	0.711	-8.9	77	0.00
70 T	Styrene	1.104	1.223	-10.8	77	0.00
71 P	Bromoform	0.188	0.212	-12.8	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.669	3.962	-8.0	76	0.00
74 T	N-amyl acetate	0.823	1.034	-25.6#	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.662	0.769	-16.2	78	0.00
76 T	1,2,3-Trichloropropane	0.473	0.571	-20.7	76	0.00
77 T	Bromobenzene	0.852	0.906	-6.3	74	0.00
78 T	n-propylbenzene	4.314	4.753	-10.2	77	0.00
79 T	2-Chlorotoluene	2.455	2.670	-8.8	77	0.00
80 T	1,3,5-Trimethylbenzene	3.080	3.342	-8.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.212	0.246	-16.0	74	0.00
82 T	4-Chlorotoluene	2.551	2.795	-9.6	78	0.00
83 T	tert-Butylbenzene	2.697	2.928	-8.6	76	0.00
84 T	1,2,4-Trimethylbenzene	3.065	3.347	-9.2	77	0.00
85 T	sec-Butylbenzene	3.733	4.078	-9.2	77	0.00
86 T	p-Isopropyltoluene	3.403	3.678	-8.1	75	0.00
87 T	1,3-Dichlorobenzene	1.657	1.768	-6.7	75	0.00
88 T	1,4-Dichlorobenzene	1.636	1.718	-5.0	74	0.00
89 T	n-Butylbenzene	3.160	3.493	-10.5	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.594	0.633	-6.6	75	0.00
91 T	1,2-Dichlorobenzene	1.456	1.568	-7.7	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.122	-16.2	76	0.00
93 T	1,2,4-Trichlorobenzene	0.983	1.074	-9.3	73	0.00
94 T	Hexachlorobutadiene	0.659	0.693	-5.2	75	0.00
95 T	Naphthalene	1.677	2.050	-22.2	75	0.00
96 T	1,2,3-Trichlorobenzene	0.857	0.921	-7.5	71	0.00

(#) = Out of Range

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