

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012411.D
 Acq On : 31 Jan 2023 10:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 01 01:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	86	0.00
2 T	Dichlorodifluoromethane	0.437	0.386	11.7	89	0.00
3 P	Chloromethane	0.403	0.373	7.4	87	0.00
4 C	Vinyl Chloride	0.471	0.471	0.0	93	0.00
5 T	Bromomethane	0.364	0.372	-2.2	96	0.00
6 T	Chloroethane	0.307	0.314	-2.3	94	0.00
7 T	Trichlorofluoromethane	0.919	0.930	-1.2	95	0.00
8 T	Diethyl Ether	0.273	0.269	1.5	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.465	-4.0	98	0.00
10 T	Methyl Iodide	0.680	0.626	7.9	79	0.00
11 T	Tert butyl alcohol	0.057	0.046	19.3	85	0.00
12 CM	1,1-Dichloroethene	0.459	0.471	-2.6#	93	0.00
13 T	Acrolein	0.023	0.017	26.1#	90	0.00
14 T	Allyl chloride	0.568	0.556	2.1	88	0.00
15 T	Acrylonitrile	0.119	0.118	0.8	87	0.00
16 T	Acetone	0.139	0.145	-4.3	81	0.00
17 T	Carbon Disulfide	1.420	1.297	8.7	83	0.00
18 T	Methyl Acetate	0.312	0.296	5.1	85	0.00
19 T	Methyl tert-butyl Ether	1.280	1.304	-1.9	88	0.00
20 T	Methylene Chloride	0.762	0.526	31.0#	79	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.522	-2.0	91	0.00
22 T	Diisopropyl ether	1.132	1.154	-1.9	90	0.00
23 T	Vinyl Acetate	0.705	0.699	0.9	85	0.00
24 P	1,1-Dichloroethane	0.785	0.806	-2.7	91	0.00
25 T	2-Butanone	0.154	0.149	3.2	81	0.00
26 T	2,2-Dichloropropane	0.852	0.887	-4.1	94	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.579	-2.8	91	0.00
28 T	Bromochloromethane	0.171	0.145	15.2	78	0.00
29 T	Tetrahydrofuran	0.084	0.079	6.0	80	0.00
30 C	Chloroform	0.927	0.958	-3.3#	92	0.00
31 T	Cyclohexane	0.729	0.687	5.8	93	0.00
32 T	1,1,1-Trichloroethane	0.918	0.972	-5.9	95	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.375	19.4	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.265	0.236	10.9	82	0.00
36 T	1,1-Dichloropropene	0.450	0.467	-3.8	92	0.00
37 T	Ethyl Acetate	0.198	0.189	4.5	80	0.00
38 T	Carbon Tetrachloride	0.581	0.628	-8.1	95	0.00
39 T	Methylcyclohexane	0.550	0.581	-5.6	94	0.00
40 TM	Benzene	1.299	1.367	-5.2	92	0.00
41 T	Methacrylonitrile	0.117	0.120	-2.6	83	-0.02
42 TM	1,2-Dichloroethane	0.413	0.436	-5.6	89	0.00
43 T	Isopropyl Acetate	0.369	0.363	1.6	82	0.00
44 TM	Trichloroethene	0.388	0.411	-5.9	92	0.00
45 C	1,2-Dichloropropane	0.271	0.285	-5.2#	91	0.00
46 T	Dibromomethane	0.181	0.189	-4.4	88	0.00
47 T	Bromodichloromethane	0.457	0.490	-7.2	92	0.00
48 T	Methyl methacrylate	0.170	0.166	2.4	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	84	0.00
50 S	Toluene-d8	1.044	0.858	17.8	81	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.196	0.5	83	0.00
52 CM	Toluene	0.865	0.932	-7.7#	93	0.00
53 T	t-1,3-Dichloropropene	0.478	0.508	-6.3	89	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.539	-4.9	89	0.00
55 T	1,1,2-Trichloroethane	0.258	0.274	-6.2	90	0.00
56 T	Ethyl methacrylate	0.338	0.356	-5.3	86	0.00
57 T	1,3-Dichloropropane	0.421	0.447	-6.2	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.105	6.3	81	0.00
59 T	2-Hexanone	0.150	0.153	-2.0	81	0.00
60 T	Dibromochloromethane	0.342	0.371	-8.5	90	0.00
61 T	1,2-Dibromoethane	0.249	0.255	-2.4	86	0.00
62 S	4-Bromofluorobenzene	0.373	0.332	11.0	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.456	0.505	-10.7	94	0.00
65 PM	Chlorobenzene	1.023	1.095	-7.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.425	-10.1	93	0.00
67 C	Ethyl Benzene	1.828	1.971	-7.8#	93	0.00
68 T	m/p-Xylenes	0.723	0.789	-9.1	94	0.00
69 T	o-Xylene	0.690	0.743	-7.7	92	0.00
70 T	Styrene	1.154	1.261	-9.3	93	0.00
71 P	Bromoform	0.247	0.263	-6.5	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.605	3.910	-8.5	96	0.00
74 T	N-amyl acetate	0.707	0.677	4.2	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.578	-1.8	89	0.00
76 T	1,2,3-Trichloropropane	0.460	0.406	11.7	69	0.00
77 T	Bromobenzene	0.868	0.914	-5.3	92	0.00
78 T	n-propylbenzene	4.219	4.480	-6.2	96	0.00
79 T	2-Chlorotoluene	2.385	2.507	-5.1	94	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.360	-7.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.229	-2.7	87	0.00
82 T	4-Chlorotoluene	2.506	2.605	-4.0	94	0.00
83 T	tert-Butylbenzene	2.732	2.978	-9.0	100	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.312	-7.1	94	0.00
85 T	sec-Butylbenzene	3.889	4.198	-7.9	98	0.00
86 T	p-Isopropyltoluene	3.398	3.675	-8.2	98	0.00
87 T	1,3-Dichlorobenzene	1.725	1.836	-6.4	95	0.00
88 T	1,4-Dichlorobenzene	1.721	1.809	-5.1	95	0.00
89 T	n-Butylbenzene	2.945	3.171	-7.7	98	0.00
90 T	Hexachloroethane	0.613	0.644	-5.1	96	0.00
91 T	1,2-Dichlorobenzene	1.540	1.621	-5.3	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.120	-2.6	89	0.00
93 T	1,2,4-Trichlorobenzene	0.987	1.036	-5.0	96	0.00
94 T	Hexachlorobutadiene	0.594	0.625	-5.2	99	0.00
95 T	Naphthalene	1.947	2.037	-4.6	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.897	-5.7	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5