

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014446.D
 Acq On : 26 Jun 2023 19:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 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	158#	0.00
2 T	Dichlorodifluoromethane	0.464	0.217	53.2#	83	0.00
3 P	Chloromethane	0.454	0.190	58.1#	68	0.00
4 C	Vinyl Chloride	0.495	0.233	52.9#	77	0.00
5 T	Bromomethane	0.435	0.221	49.2#	87	0.00
6 T	Chloroethane	0.328	0.161	50.9#	79	0.00
7 T	Trichlorofluoromethane	0.977	0.520	46.8#	88	0.00
8 T	Diethyl Ether	0.298	0.152	49.0#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.235	49.1#	83	0.00
10 T	Methyl Iodide	0.541	0.255	52.9#	66	0.00
11 T	Tert butyl alcohol	0.098	0.038	61.2#	72	0.00
12 CM	1,1-Dichloroethene	0.461	0.232	49.7#	81	0.00
13 T	Acrolein	0.076	0.035	53.9#	64	0.00
14 T	Allyl chloride	0.736	0.345	53.1#	73	0.00
15 T	Acrylonitrile	0.167	0.083	50.3#	78	0.00
16 T	Acetone	0.195	0.075	61.5#	54	0.00
17 T	Carbon Disulfide	1.425	0.699	50.9#	76	0.00
18 T	Methyl Acetate	0.672	0.319	52.5#	75	0.00
19 T	Methyl tert-butyl Ether	1.417	0.788	44.4#	85	0.00
20 T	Methylene Chloride	0.694	0.284	59.1#	79	0.00
21 T	trans-1,2-Dichloroethene	0.506	0.263	48.0#	80	0.00
22 T	Diisopropyl ether	1.462	0.726	50.3#	76	0.01
23 T	Vinyl Acetate	0.746	0.461	38.2#	89	0.00
24 P	1,1-Dichloroethane	0.868	0.440	49.3#	79	0.00
25 T	2-Butanone	0.243	0.109	55.1#	68	0.00
26 T	2,2-Dichloropropane	0.918	0.446	51.4#	78	0.00
27 T	cis-1,2-Dichloroethene	0.570	0.303	46.8#	83	0.01
28 T	Bromochloromethane	0.379	0.193	49.1#	76	0.00
29 T	Tetrahydrofuran	0.145	0.070	51.7#	74	0.00
30 C	Chloroform	0.979	0.531	45.8#	85	0.00
31 T	Cyclohexane	0.767	0.369	51.9#	79	0.00
32 T	1,1,1-Trichloroethane	0.932	0.512	45.1#	86	0.00
33 S	1,2-Dichloroethane-d4	0.621	0.649	-4.5	158#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	154#	0.00
35 S	Dibromofluoromethane	0.309	0.319	-3.2	149	0.01
36 T	1,1-Dichloropropene	0.476	0.252	47.1#	81	0.00
37 T	Ethyl Acetate	0.328	0.158	51.8#	72	0.00
38 T	Carbon Tetrachloride	0.599	0.339	43.4#	87	0.00
39 T	Methylcyclohexane	0.548	0.295	46.2#	82	0.00
40 TM	Benzene	1.348	0.734	45.5#	82	0.00
41 T	Methacrylonitrile	0.163	0.098	39.9#	85	0.01
42 TM	1,2-Dichloroethane	0.511	0.295	42.3#	88	0.00
43 T	Isopropyl Acetate	0.579	0.299	48.4#	77	0.00
44 TM	Trichloroethene	0.387	0.213	45.0#	85	0.00
45 C	1,2-Dichloropropane	0.318	0.166	47.8#	80	0.00
46 T	Dibromomethane	0.217	0.118	45.6#	82	0.00
47 T	Bromodichloromethane	0.506	0.284	43.9#	84	0.00
48 T	Methyl methacrylate	0.269	0.145	46.1#	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	89	-0.02
50 S	Toluene-d8	1.228	1.271	-3.5	149	0.00
51 T	4-Methyl-2-Pentanone	0.327	0.169	48.3#	76	0.00
52 CM	Toluene	0.868	0.494	43.1#	84	0.00
53 T	t-1,3-Dichloropropene	0.549	0.305	44.4#	82	0.00
54 T	cis-1,3-Dichloropropene	0.566	0.307	45.8#	82	0.00
55 T	1,1,2-Trichloroethane	0.291	0.164	43.6#	84	0.00
56 T	Ethyl methacrylate	0.415	0.237	42.9#	82	0.00
57 T	1,3-Dichloropropane	0.489	0.267	45.4#	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.195	0.123	36.9#	88	0.00
59 T	2-Hexanone	0.246	0.126	48.8#	73	0.00
60 T	Dibromochloromethane	0.386	0.228	40.9#	88	0.00
61 T	1,2-Dibromoethane	0.290	0.163	43.8#	83	0.00
62 S	4-Bromofluorobenzene	0.438	0.454	-3.7	148	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	154#	0.00
64 T	Tetrachloroethene	0.425	0.247	41.9#	90	0.00
65 PM	Chlorobenzene	1.027	0.586	42.9#	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.414	0.237	42.8#	86	0.00
67 C	Ethyl Benzene	1.829	1.041	43.1#	85	0.00
68 T	m/p-Xylenes	0.714	0.416	41.7#	86	0.00
69 T	o-Xylene	0.680	0.398	41.5#	86	0.00
70 T	Styrene	1.165	0.687	41.0#	86	0.00
71 P	Bromoform	0.306	0.181	40.8#	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	156#	0.00
73 T	Isopropylbenzene	3.367	1.881	44.1#	86	0.00
74 T	N-amyl acetate	1.066	0.554	48.0#	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.720	0.382	46.9#	82	0.00
76 T	1,2,3-Trichloropropane	0.627	0.284	54.7#	72	0.00
77 T	Bromobenzene	0.875	0.489	44.1#	87	0.00
78 T	n-propylbenzene	4.062	2.265	44.2#	86	0.00
79 T	2-Chlorotoluene	2.320	1.289	44.4#	86	0.00
80 T	1,3,5-Trimethylbenzene	2.912	1.678	42.4#	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.275	0.144	47.6#	80	0.00
82 T	4-Chlorotoluene	2.471	1.380	44.2#	86	0.00
83 T	tert-Butylbenzene	2.497	1.465	41.3#	91	0.00
84 T	1,2,4-Trimethylbenzene	2.886	1.684	41.6#	89	0.00
85 T	sec-Butylbenzene	3.611	2.053	43.1#	87	0.00
86 T	p-Isopropyltoluene	3.126	1.839	41.2#	90	0.00
87 T	1,3-Dichlorobenzene	1.688	0.977	42.1#	89	0.00
88 T	1,4-Dichlorobenzene	1.697	0.985	42.0#	91	0.00
89 T	n-Butylbenzene	2.856	1.631	42.9#	88	0.00
90 T	Hexachloroethane	0.595	0.332	44.2#	87	0.00
91 T	1,2-Dichlorobenzene	1.541	0.900	41.6#	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.159	0.088	44.7#	87	0.00
93 T	1,2,4-Trichlorobenzene	1.001	0.605	39.6#	91	0.00
94 T	Hexachlorobutadiene	0.602	0.352	41.5#	93	0.00
95 T	Naphthalene	2.153	1.296	39.8#	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.912	0.549	39.8#	92	0.00

(#) = Out of Range

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