

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007109.D
 Acq On : 10 Jan 2022 20:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 09:06:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 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	100	0.00
2 T	Dichlorodifluoromethane	0.173	0.108	37.6#	59	0.00
3 P	Chloromethane	0.362	0.362	0.0	106	0.00
4 C	Vinyl Chloride	0.525	0.379	27.8#	71	0.00
5 T	Bromomethane	0.349	0.200	42.7#	56	0.00
6 T	Chloroethane	0.322	0.116	64.0#	35#	0.00
7 T	Trichlorofluoromethane	0.643	0.296	54.0#	45#	0.01
8 T	Diethyl Ether	0.314	0.252	19.7	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.406	26.6#	73	0.00
10 T	Methyl Iodide	0.856	0.577	32.6#	66	0.01
11 T	Tert butyl alcohol	0.048	0.042	12.5	88	-0.01
12 CM	1,1-Dichloroethene	0.572	0.413	27.8#	72	0.00
13 T	Acrolein	0.016	0.015	6.3	108	0.00
14 T	Allyl chloride	0.868	0.646	25.6#	74	0.00
15 T	Acrylonitrile	0.144	0.135	6.2	89	0.00
16 T	Acetone	0.112	0.128	-14.3	115	0.00
17 T	Carbon Disulfide	1.637	1.106	32.4#	67	0.00
18 T	Methyl Acetate	0.515	0.462	10.3	95	0.00
19 T	Methyl tert-butyl Ether	1.136	0.779	31.4#	67	0.00
20 T	Methylene Chloride	0.674	0.464	31.2#	75	0.01
21 T	trans-1,2-Dichloroethene	0.617	0.448	27.4#	73	0.00
22 T	Diisopropyl ether	1.766	1.439	18.5	81	0.00
23 T	Vinyl Acetate	1.023	0.907	11.3	84	0.00
24 P	1,1-Dichloroethane	1.078	0.818	24.1	75	0.00
25 T	2-Butanone	0.173	0.179	-3.5	104	0.00
26 T	2,2-Dichloropropane	0.836	0.547	34.6#	66	0.00
27 T	cis-1,2-Dichloroethene	0.694	0.514	25.9#	74	0.00
28 T	Bromochloromethane	0.402	0.472	-17.4	103	0.00
29 T	Tetrahydrofuran	0.124	0.119	4.0	93	0.00
30 C	Chloroform	1.135	0.863	24.0#	75	0.00
31 T	Cyclohexane	1.030	0.732	28.9#	74	0.00
32 T	1,1,1-Trichloroethane	0.987	0.718	27.3#	72	0.00
33 S	1,2-Dichloroethane-d4	0.598	0.614	-2.7	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.333	0.338	-1.5	105	0.00
36 T	1,1-Dichloropropene	0.528	0.397	24.8	73	0.00
37 T	Ethyl Acetate	0.258	0.240	7.0	89	0.00
38 T	Carbon Tetrachloride	0.552	0.399	27.7#	71	0.00
39 T	Methylcyclohexane	0.660	0.488	26.1#	72	0.00
40 TM	Benzene	1.422	1.086	23.6	75	0.00
41 T	Methacrylonitrile	0.147	0.340	-131.3#	242#	0.04
42 TM	1,2-Dichloroethane	0.434	0.355	18.2	79	0.00
43 T	Isopropyl Acetate	0.501	0.455	9.2	87	0.00
44 TM	Trichloroethene	0.393	0.287	27.0#	72	0.00
45 C	1,2-Dichloropropane	0.352	0.273	22.4#	76	0.00
46 T	Dibromomethane	0.210	0.169	19.5	78	0.00
47 T	Bromodichloromethane	0.524	0.403	23.1	75	0.00
48 T	Methyl methacrylate	0.226	0.210	7.1	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	72	0.00
50 S	Toluene-d8	1.231	1.224	0.6	103	0.00
51 T	4-Methyl-2-Pentanone	0.247	0.232	6.1	89	0.00
52 CM	Toluene	0.905	0.668	26.2#	73	0.00
53 T	t-1,3-Dichloropropene	0.548	0.441	19.5	77	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.476	23.0	75	0.00
55 T	1,1,2-Trichloroethane	0.285	0.229	19.6	78	0.00
56 T	Ethyl methacrylate	0.401	0.335	16.5	79	0.00
57 T	1,3-Dichloropropane	0.500	0.398	20.4	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.183	0.181	1.1	99	0.00
59 T	2-Hexanone	0.160	0.161	-0.6	95	0.00
60 T	Dibromochloromethane	0.356	0.278	21.9	76	0.00
61 T	1,2-Dibromoethane	0.285	0.228	20.0	78	0.00
62 S	4-Bromofluorobenzene	0.444	0.434	2.3	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.357	0.266	25.5#	72	0.00
65 PM	Chlorobenzene	1.076	0.805	25.2#	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.308	22.6	74	0.00
67 C	Ethyl Benzene	2.021	1.515	25.0#	72	0.00
68 T	m/p-Xylenes	0.756	0.563	25.5#	72	0.00
69 T	o-Xylene	0.708	0.531	25.0	72	0.00
70 T	Styrene	1.196	0.920	23.1	72	0.00
71 P	Bromoform	0.228	0.186	18.4	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.254	3.118	26.7#	72	0.00
74 T	N-amyl acetate	1.083	0.988	8.8	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.811	0.667	17.8	80	0.00
76 T	1,2,3-Trichloropropane	0.571	0.908	-59.0#	157#	0.00
77 T	Bromobenzene	0.940	0.706	24.9	73	0.00
78 T	n-propylbenzene	5.197	3.790	27.1#	71	0.00
79 T	2-Chlorotoluene	2.957	2.157	27.1#	72	0.00
80 T	1,3,5-Trimethylbenzene	3.500	2.585	26.1#	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.304	0.263	13.5	83	0.00
82 T	4-Chlorotoluene	3.053	2.257	26.1#	72	0.00
83 T	tert-Butylbenzene	3.082	2.267	26.4#	72	0.00
84 T	1,2,4-Trimethylbenzene	3.440	2.537	26.3#	72	0.00
85 T	sec-Butylbenzene	4.491	3.289	26.8#	72	0.00
86 T	p-Isopropyltoluene	3.677	2.699	26.6#	73	0.00
87 T	1,3-Dichlorobenzene	1.813	1.323	27.0#	72	0.00
88 T	1,4-Dichlorobenzene	1.805	1.331	26.3#	73	0.00
89 T	n-Butylbenzene	3.586	2.613	27.1#	71	0.00
90 T	Hexachloroethane	0.729	0.536	26.5#	72	0.00
91 T	1,2-Dichlorobenzene	1.592	1.193	25.1#	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.118	12.6	85	0.00
93 T	1,2,4-Trichlorobenzene	0.945	0.741	21.6	77	0.00
94 T	Hexachlorobutadiene	0.486	0.379	22.0	79	0.00
95 T	Naphthalene	1.981	1.733	12.5	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.797	0.653	18.1	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6