

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016139.D
 Acq On : 30 Oct 2023 18:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 31 11:53:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 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	94	0.00
2 T	Dichlorodifluoromethane	0.345	0.304	11.9	81	0.00
3 P	Chloromethane	0.423	0.464	-9.7	100	0.00
4 C	Vinyl Chloride	0.483	0.442	8.5#	84	0.00
5 T	Bromomethane	0.359	0.248	30.9#	65	0.00
6 T	Chloroethane	0.331	0.310	6.3	86	0.00
7 T	Trichlorofluoromethane	0.773	0.652	15.7	79	0.00
8 T	Diethyl Ether	0.259	0.210	18.9	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.398	14.6	81	0.00
10 T	Methyl Iodide	0.596	0.427	28.4#	64	0.00
11 T	Tert butyl alcohol	0.066	0.029	56.1#	58	0.00
12 CM	1,1-Dichloroethene	0.427	0.362	15.2#	78	0.01
13 T	Acrolein	0.062	0.026	58.1#	42#	0.00
14 T	Allyl chloride	0.668	0.520	22.2	71	0.01
15 T	Acrylonitrile	0.127	0.085	33.1#	61	0.01
16 T	Acetone	0.135	0.069	48.9#	48#	0.00
17 T	Carbon Disulfide	1.182	0.954	19.3	75	0.00
18 T	Methyl Acetate	0.476	0.324	31.9#	61	0.00
19 T	Methyl tert-butyl Ether	1.218	1.033	15.2	77	0.00
20 T	Methylene Chloride	0.629	0.488	22.4	84	0.00
21 T	trans-1,2-Dichloroethene	0.495	0.432	12.7	80	0.00
22 T	Diisopropyl ether	1.460	1.286	11.9	79	0.00
23 T	Vinyl Acetate	0.782	0.615	21.4	70	0.01
24 P	1,1-Dichloroethane	0.880	0.760	13.6	79	0.00
25 T	2-Butanone	0.182	0.108	40.7#	56	0.01
26 T	2,2-Dichloropropane	0.818	0.710	13.2	82	0.00
27 T	cis-1,2-Dichloroethene	0.582	0.507	12.9	81	0.01
28 T	Bromochloromethane	0.360	0.253	29.7#	63	0.01
29 T	Tetrahydrofuran	0.104	0.071	31.7#	61	0.01
30 C	Chloroform	0.929	0.836	10.0#	83	0.00
31 T	Cyclohexane	0.782	0.624	20.2	77	0.00
32 T	1,1,1-Trichloroethane	0.834	0.761	8.8	85	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.446	10.3	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.316	0.286	9.5	83	0.01
36 T	1,1-Dichloropropene	0.440	0.388	11.8	81	0.00
37 T	Ethyl Acetate	0.226	0.163	27.9#	65	0.01
38 T	Carbon Tetrachloride	0.465	0.378	18.7	74	0.01
39 T	Methylcyclohexane	0.536	0.469	12.5	80	0.00
40 TM	Benzene	1.246	1.134	9.0	82	0.00
41 T	Methacrylonitrile	0.118	0.077	34.7#	59	0.00
42 TM	1,2-Dichloroethane	0.360	0.316	12.2	79	0.01
43 T	Isopropyl Acetate	0.422	0.323	23.5	69	0.01
44 TM	Trichloroethene	0.348	0.324	6.9	85	0.00
45 C	1,2-Dichloropropane	0.315	0.276	12.4#	78	0.00
46 T	Dibromomethane	0.185	0.153	17.3	75	0.00
47 T	Bromodichloromethane	0.447	0.399	10.7	80	0.00
48 T	Methyl methacrylate	0.194	0.153	21.1	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	68	0.01
50 S	Toluene-d8	1.169	1.111	5.0	86	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.165	25.7#	65	0.00
52 CM	Toluene	0.800	0.740	7.5#	83	0.00
53 T	t-1,3-Dichloropropene	0.457	0.391	14.4	76	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.455	12.0	78	0.00
55 T	1,1,2-Trichloroethane	0.263	0.213	19.0	74	0.01
56 T	Ethyl methacrylate	0.338	0.276	18.3	71	0.00
57 T	1,3-Dichloropropane	0.439	0.359	18.2	73	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.135	19.6	72	0.00
59 T	2-Hexanone	0.164	0.114	30.5#	62	0.00
60 T	Dibromochloromethane	0.322	0.273	15.2	76	0.00
61 T	1,2-Dibromoethane	0.252	0.202	19.8	72	0.00
62 S	4-Bromofluorobenzene	0.401	0.371	7.5	84	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.331	0.376	-13.6	103	0.00
65 PM	Chlorobenzene	0.983	0.908	7.6	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.342	6.8	81	0.01
67 C	Ethyl Benzene	1.745	1.636	6.2#	83	0.00
68 T	m/p-Xylenes	0.675	0.638	5.5	83	0.00
69 T	o-Xylene	0.647	0.611	5.6	82	0.01
70 T	Styrene	1.078	1.019	5.5	82	0.00
71 P	Bromoform	0.224	0.181	19.2	71	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.01
73 T	Isopropylbenzene	3.519	3.451	1.9	83	0.00
74 T	N-amyl acetate	0.858	0.718	16.3	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.719	0.547	23.9	65	0.00
76 T	1,2,3-Trichloropropane	0.510	0.716	-40.4#	123	0.01
77 T	Bromobenzene	0.821	0.780	5.0	80	0.01
78 T	n-propylbenzene	4.261	4.093	3.9	81	0.00
79 T	2-Chlorotoluene	2.386	2.252	5.6	81	0.01
80 T	1,3,5-Trimethylbenzene	2.922	2.802	4.1	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.182	22.6	66	0.00
82 T	4-Chlorotoluene	2.475	2.345	5.3	81	0.00
83 T	tert-Butylbenzene	2.597	2.509	3.4	81	0.00
84 T	1,2,4-Trimethylbenzene	2.885	2.746	4.8	80	0.00
85 T	sec-Butylbenzene	3.868	3.668	5.2	80	0.00
86 T	p-Isopropyltoluene	3.227	3.042	5.7	79	0.00
87 T	1,3-Dichlorobenzene	1.658	1.521	8.3	78	0.01
88 T	1,4-Dichlorobenzene	1.639	1.508	8.0	79	0.00
89 T	n-Butylbenzene	3.011	2.806	6.8	79	0.00
90 T	Hexachloroethane	0.628	0.519	17.4	70	0.00
91 T	1,2-Dichlorobenzene	1.468	1.323	9.9	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.089	21.2	67	0.00
93 T	1,2,4-Trichlorobenzene	0.908	0.821	9.6	76	0.00
94 T	Hexachlorobutadiene	0.527	0.456	13.5	74	0.00
95 T	Naphthalene	1.771	1.543	12.9	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.783	0.692	11.6	74	0.00

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