

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
 Data File : VY016623.D
 Acq On : 07 Dec 2023 14:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 07 15:55:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 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	77	0.01
2 T	Dichlorodifluoromethane	0.442	0.378	14.5	72	0.00
3 P	Chloromethane	0.458	0.474	-3.5	85	0.01
4 C	Vinyl Chloride	0.463	0.520	-12.3#	90	0.01
5 T	Bromomethane	0.290	0.321	-10.7	89	0.01
6 T	Chloroethane	0.286	0.312	-9.1	86	0.02
7 T	Trichlorofluoromethane	0.875	0.901	-3.0	82	0.01
8 T	Diethyl Ether	0.244	0.201	17.6	64	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.419	14.3	67	0.02
10 T	Methyl Iodide	0.517	0.493	4.6	73	0.02
11 T	Tert butyl alcohol	0.031	0.027	12.9	67	0.03
12 CM	1,1-Dichloroethene	0.444	0.394	11.3#	69	0.02
13 T	Acrolein	0.046	0.055	-19.6	87	0.01
14 T	Allyl chloride	0.678	0.491	27.6#	56	0.02
15 T	Acrylonitrile	0.098	0.076	22.4	58	0.02
16 T	Acetone	0.105	0.077	26.7#	64	0.01
17 T	Carbon Disulfide	1.246	1.018	18.3	63	0.02
18 T	Methyl Acetate	0.415	0.319	23.1	55	0.01
19 T	Methyl tert-butyl Ether	1.092	0.981	10.2	67	0.02
20 T	Methylene Chloride	0.519	0.411	20.8	67	0.02
21 T	trans-1,2-Dichloroethene	0.500	0.434	13.2	68	0.02
22 T	Diisopropyl ether	1.395	0.991	29.0#	53	0.02
23 T	Vinyl Acetate	0.670	0.489	27.0#	55	0.02
24 P	1,1-Dichloroethane	0.857	0.677	21.0	62	0.02
25 T	2-Butanone	0.144	0.096	33.3#	54	0.01
26 T	2,2-Dichloropropane	0.806	0.770	4.5	76	0.02
27 T	cis-1,2-Dichloroethene	0.550	0.476	13.5	67	0.02
28 T	Bromochloromethane	0.347	0.296	14.7	62	0.02
29 T	Tetrahydrofuran	0.082	0.056	31.7#	49#	0.02
30 C	Chloroform	0.913	0.790	13.5#	68	0.01
31 T	Cyclohexane	0.789	0.571	27.6#	60	0.01
32 T	1,1,1-Trichloroethane	0.864	0.835	3.4	77	0.02
33 S	1,2-Dichloroethane-d4	0.462	0.504	-9.1	78	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.01
35 S	Dibromofluoromethane	0.301	0.334	-11.0	74	0.01
36 T	1,1-Dichloropropene	0.457	0.429	6.1	68	0.01
37 T	Ethyl Acetate	0.191	0.140	26.7#	51	0.01
38 T	Carbon Tetrachloride	0.530	0.569	-7.4	78	0.01
39 T	Methylcyclohexane	0.551	0.521	5.4	67	0.01
40 TM	Benzene	1.289	1.143	11.3	65	0.02
41 T	Methacrylonitrile	0.111	0.077	30.6#	48#	0.02
42 TM	1,2-Dichloroethane	0.374	0.364	2.7	70	0.01
43 T	Isopropyl Acetate	0.369	0.297	19.5	55	0.00
44 TM	Trichloroethene	0.389	0.382	1.8	73	0.01
45 C	1,2-Dichloropropane	0.310	0.244	21.3#	57	0.01
46 T	Dibromomethane	0.170	0.151	11.2	62	0.01
47 T	Bromodichloromethane	0.453	0.422	6.8	67	0.01
48 T	Methyl methacrylate	0.213	0.176	17.4	55	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	62	0.00
50 S	Toluene-d8	1.138	1.302	-14.4	76	0.01
51 T	4-Methyl-2-Pentanone	0.192	0.147	23.4	52	0.00
52 CM	Toluene	0.808	0.769	4.8#	68	0.00
53 T	t-1,3-Dichloropropene	0.428	0.412	3.7	68	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.456	9.2	64	0.00
55 T	1,1,2-Trichloroethane	0.237	0.215	9.3	64	0.01
56 T	Ethyl methacrylate	0.217	0.193	11.1	59	0.00
57 T	1,3-Dichloropropane	0.400	0.357	10.8	62	0.01
58 T	2-Chloroethyl Vinyl ether	0.134	0.131	2.2	64	0.01
59 T	2-Hexanone	0.145	0.109	24.8	53	0.00
60 T	Dibromochloromethane	0.317	0.308	2.8	70	0.00
61 T	1,2-Dibromoethane	0.223	0.207	7.2	64	0.00
62 S	4-Bromofluorobenzene	0.374	0.444	-18.7	79	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.458	0.465	-1.5	73	0.00
65 PM	Chlorobenzene	1.013	0.984	2.9	71	0.01
66 T	1,1,1,2-Tetrachloroethane	0.396	0.393	0.8	71	0.01
67 C	Ethyl Benzene	1.816	1.753	3.5#	69	0.00
68 T	m/p-Xylenes	0.689	0.686	0.4	71	0.00
69 T	o-Xylene	0.644	0.645	-0.2	73	0.01
70 T	Styrene	0.923	0.930	-0.8	71	0.00
71 P	Bromoform	0.214	0.221	-3.3	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.01
73 T	Isopropylbenzene	3.702	3.623	2.1	72	0.00
74 T	N-amyl acetate	0.738	0.549	25.6#	53	0.00
75 P	1,1,2,2-Tetrachloroethane	0.589	0.467	20.7	58	0.00
76 T	1,2,3-Trichloropropane	0.452	0.315	30.3#	53	0.00
77 T	Bromobenzene	0.873	0.868	0.6	74	0.01
78 T	n-propylbenzene	4.309	4.027	6.5	70	0.00
79 T	2-Chlorotoluene	2.428	2.223	8.4	69	0.00
80 T	1,3,5-Trimethylbenzene	3.008	2.949	2.0	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.171	14.5	63	0.01
82 T	4-Chlorotoluene	2.513	2.353	6.4	70	0.00
83 T	tert-Butylbenzene	2.688	2.746	-2.2	75	0.00
84 T	1,2,4-Trimethylbenzene	2.938	2.911	0.9	73	0.00
85 T	sec-Butylbenzene	3.775	3.684	2.4	73	0.00
86 T	p-Isopropyltoluene	3.277	3.375	-3.0	75	0.00
87 T	1,3-Dichlorobenzene	1.666	1.633	2.0	74	0.00
88 T	1,4-Dichlorobenzene	1.635	1.623	0.7	74	0.01
89 T	n-Butylbenzene	2.947	2.880	2.3	71	0.00
90 T	Hexachloroethane	0.645	0.614	4.8	72	0.01
91 T	1,2-Dichlorobenzene	1.430	1.428	0.1	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.088	6.4	67	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.944	-17.0	84	0.01
94 T	Hexachlorobutadiene	0.510	0.610	-19.6	88	0.00
95 T	Naphthalene	1.362	1.533	-12.6	79	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.651	0.754	-15.8	82	0.01

(#) = Out of Range

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