

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016572.D
 Acq On : 04 Dec 2023 12:22
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDICC005

Quant Time: Dec 05 01:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 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	89	0.00
2 T	Dichlorodifluoromethane	0.442	0.050	88.7#	11#	0.00
3 P	Chloromethane	0.458	0.051	88.9#	11#	0.00
4 C	Vinyl Chloride	0.463	0.050	89.2#	10#	0.00
5 T	Bromomethane	0.290	0.031	89.3#	10#	0.00
6 T	Chloroethane	0.286	0.029	89.9#	9#	0.01
7 T	Trichlorofluoromethane	0.875	0.091	89.6#	10#	0.00
8 T	Diethyl Ether	0.244	0.024	90.2#	9#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.051	89.6#	10#	0.00
10 T	Methyl Iodide	0.517	0.051	90.1#	9#	0.00
11 T	Tert butyl alcohol	0.031	0.003	90.3#	10#	0.00
12 CM	1,1-Dichloroethene	0.444	0.045	89.9#	9#	0.00
13 T	Acrolein	0.046	0.004	91.3#	8#	0.00
14 T	Allyl chloride	0.678	0.070	89.7#	9#	0.00
15 T	Acrylonitrile	0.098	0.010	89.8#	9#	0.01
16 T	Acetone	0.105	0.013	87.6#	12#	0.00
17 T	Carbon Disulfide	1.246	0.129	89.6#	9#	0.01
18 T	Methyl Acetate	0.415	0.040	90.4#	8#	0.00
19 T	Methyl tert-butyl Ether	1.092	0.104	90.5#	8#	0.00
20 T	Methylene Chloride	0.519	0.066	87.3#	12#	0.01
21 T	trans-1,2-Dichloroethene	0.500	0.052	89.6#	10#	0.00
22 T	Diisopropyl ether	1.395	0.133	90.5#	8#	0.00
23 T	Vinyl Acetate	0.670	0.065	90.3#	8#	0.00
24 P	1,1-Dichloroethane	0.857	0.089	89.6#	10#	0.01
25 T	2-Butanone	0.144	0.016	88.9#	10#	0.00
26 T	2,2-Dichloropropane	0.806	0.083	89.7#	9#	0.00
27 T	cis-1,2-Dichloroethene	0.550	0.054	90.2#	9#	0.00
28 T	Bromochloromethane	0.347	0.037	89.3#	9#	0.00
29 T	Tetrahydrofuran	0.082	0.008	90.2#	8#	0.00
30 C	Chloroform	0.913	0.094	89.7#	9#	0.00
31 T	Cyclohexane	0.789	0.095	88.0#	12#	0.00
32 T	1,1,1-Trichloroethane	0.864	0.089	89.7#	10#	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.047	89.8#	9#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.301	0.031	89.7#	9#	0.00
36 T	1,1-Dichloropropene	0.457	0.045	90.2#	9#	0.00
37 T	Ethyl Acetate	0.191	0.019	90.1#	9#	0.00
38 T	Carbon Tetrachloride	0.530	0.052	90.2#	9#	0.00
39 T	Methylcyclohexane	0.551	0.053	90.4#	9#	0.00
40 TM	Benzene	1.289	0.130	89.9#	9#	0.00
41 T	Methacrylonitrile	0.111	0.009	91.9#	8#	0.00
42 TM	1,2-Dichloroethane	0.374	0.037	90.1#	9#	0.00
43 T	Isopropyl Acetate	0.369	0.034	90.8#	8#	0.00
44 TM	Trichloroethene	0.389	0.040	89.7#	10#	0.00
45 C	1,2-Dichloropropane	0.310	0.031	90.0#	9#	0.00
46 T	Dibromomethane	0.170	0.017	90.0#	9#	0.00
47 T	Bromodichloromethane	0.453	0.045	90.1#	9#	0.00
48 T	Methyl methacrylate	0.213	0.019	91.1#	8#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.000	100.0#	8#	0.00
50 S	Toluene-d8	1.138	0.109	90.4#	8#	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.018	90.6#	8#	0.00
52 CM	Toluene	0.808	0.078	90.3#	9#	0.00
53 T	t-1,3-Dichloropropene	0.428	0.041	90.4#	9#	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.048	90.4#	9#	0.00
55 T	1,1,2-Trichloroethane	0.237	0.023	90.3#	9#	0.00
56 T	Ethyl methacrylate	0.217	0.019	91.2#	7#	0.00
57 T	1,3-Dichloropropane	0.400	0.038	90.5#	9#	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.011	91.8#	7#	0.00
59 T	2-Hexanone	0.145	0.014	90.3#	9#	0.00
60 T	Dibromochloromethane	0.317	0.032	89.9#	9#	0.00
61 T	1,2-Dibromoethane	0.223	0.021	90.6#	8#	0.00
62 S	4-Bromofluorobenzene	0.374	0.036	90.4#	8#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.458	0.046	90.0#	9#	0.00
65 PM	Chlorobenzene	1.013	0.100	90.1#	9#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.039	90.2#	9#	0.00
67 C	Ethyl Benzene	1.816	0.179	90.1#	9#	0.00
68 T	m/p-Xylenes	0.689	0.065	90.6#	9#	0.00
69 T	o-Xylene	0.644	0.061	90.5#	9#	0.00
70 T	Styrene	0.923	0.085	90.8#	8#	0.00
71 P	Bromoform	0.214	0.020	90.7#	8#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.702	0.346	90.7#	8#	0.00
74 T	N-amyl acetate	0.738	0.067	90.9#	8#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.589	0.062	89.5#	9#	0.00
76 T	1,2,3-Trichloropropane	0.452	0.045	90.0#	9#	0.00
77 T	Bromobenzene	0.873	0.084	90.4#	8#	0.00
78 T	n-propylbenzene	4.309	0.418	90.3#	9#	0.00
79 T	2-Chlorotoluene	2.428	0.236	90.3#	9#	0.00
80 T	1,3,5-Trimethylbenzene	3.008	0.282	90.6#	8#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.019	90.5#	8#	0.00
82 T	4-Chlorotoluene	2.513	0.250	90.1#	9#	0.00
83 T	tert-Butylbenzene	2.688	0.254	90.6#	8#	0.00
84 T	1,2,4-Trimethylbenzene	2.938	0.274	90.7#	8#	0.00
85 T	sec-Butylbenzene	3.775	0.364	90.4#	8#	0.00
86 T	p-Isopropyltoluene	3.277	0.305	90.7#	8#	0.00
87 T	1,3-Dichlorobenzene	1.666	0.165	90.1#	9#	0.00
88 T	1,4-Dichlorobenzene	1.635	0.166	89.8#	9#	0.00
89 T	n-Butylbenzene	2.947	0.282	90.4#	8#	0.00
90 T	Hexachloroethane	0.645	0.064	90.1#	9#	0.00
91 T	1,2-Dichlorobenzene	1.430	0.139	90.3#	9#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.008	91.5#	7#	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.070	91.3#	7#	0.00
94 T	Hexachlorobutadiene	0.510	0.052	89.8#	9#	0.00
95 T	Naphthalene	1.362	0.106	92.2#	6#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.651	0.053	91.9#	7#	0.00

(#) = Out of Range

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