

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016940.D
 Acq On : 09 Jan 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 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	96	0.01
2 T	Dichlorodifluoromethane	0.403	0.332	17.6	82	0.00
3 P	Chloromethane	0.587	0.528	10.1	85	0.01
4 C	Vinyl Chloride	0.693	0.654	5.6#	88	0.01
5 T	Bromomethane	0.496	0.453	8.7	90	0.01
6 T	Chloroethane	0.469	0.445	5.1	89	0.00
7 T	Trichlorofluoromethane	0.854	0.833	2.5	91	0.01
8 T	Diethyl Ether	0.273	0.269	1.5	89	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.539	2.9	92	0.01
10 T	Methyl Iodide	0.472	0.495	-4.9	90	0.01
11 T	Tert butyl alcohol	0.048	0.037	22.9	94	0.01
12 CM	1,1-Dichloroethene	0.476	0.476	0.0	93	0.01
13 T	Acrolein	0.060	0.047	21.7	84	0.01
14 T	Allyl chloride	0.753	0.777	-3.2	94	0.01
15 T	Acrylonitrile	0.128	0.134	-4.7	97	0.01
16 T	Acetone	0.149	0.131	12.1	101	0.01
17 T	Carbon Disulfide	1.138	1.050	7.7	81	0.01
18 T	Methyl Acetate	0.529	0.617	-16.6	97	0.00
19 T	Methyl tert-butyl Ether	1.239	1.324	-6.9	96	0.02
20 T	Methylene Chloride	0.817	0.569	30.4#	83	0.01
21 T	trans-1,2-Dichloroethene	0.545	0.547	-0.4	91	0.01
22 T	Diisopropyl ether	1.741	1.868	-7.3	95	0.01
23 T	Vinyl Acetate	0.798	0.814	-2.0	93	0.01
24 P	1,1-Dichloroethane	1.046	1.074	-2.7	94	0.01
25 T	2-Butanone	0.188	0.175	6.9	96	0.01
26 T	2,2-Dichloropropane	0.907	0.937	-3.3	96	0.01
27 T	cis-1,2-Dichloroethene	0.639	0.660	-3.3	94	0.00
28 T	Bromochloromethane	0.393	0.410	-4.3	88	0.01
29 T	Tetrahydrofuran	0.100	0.106	-6.0	96	0.00
30 C	Chloroform	1.078	1.097	-1.8#	94	0.01
31 T	Cyclohexane	0.848	0.814	4.0	90	0.01
32 T	1,1,1-Trichloroethane	0.914	0.932	-2.0	94	0.01
33 S	1,2-Dichloroethane-d4	0.494	0.461	6.7	89	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.319	0.304	4.7	89	0.01
36 T	1,1-Dichloropropene	0.464	0.477	-2.8	92	0.01
37 T	Ethyl Acetate	0.211	0.219	-3.8	94	0.01
38 T	Carbon Tetrachloride	0.472	0.483	-2.3	93	0.01
39 T	Methylcyclohexane	0.522	0.521	0.2	86	0.01
40 TM	Benzene	1.393	1.440	-3.4	93	0.01
41 T	Methacrylonitrile	0.111	0.119	-7.2	107	0.00
42 TM	1,2-Dichloroethane	0.370	0.380	-2.7	94	0.00
43 T	Isopropyl Acetate	0.404	0.422	-4.5	95	0.01
44 TM	Trichloroethene	0.354	0.364	-2.8	92	0.01
45 C	1,2-Dichloropropane	0.359	0.374	-4.2#	94	0.00
46 T	Dibromomethane	0.183	0.190	-3.8	95	0.01
47 T	Bromodichloromethane	0.491	0.508	-3.5	94	0.00
48 T	Methyl methacrylate	0.218	0.233	-6.9	93	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	101	0.00
50 S	Toluene-d8	1.097	1.091	0.5	89	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.233	-8.4	95	0.00
52 CM	Toluene	0.841	0.887	-5.5#	94	0.01
53 T	t-1,3-Dichloropropene	0.440	0.469	-6.6	95	0.01
54 T	cis-1,3-Dichloropropene	0.529	0.556	-5.1	94	0.00
55 T	1,1,2-Trichloroethane	0.267	0.278	-4.1	95	0.00
56 T	Ethyl methacrylate	0.226	0.249	-10.2	96	0.00
57 T	1,3-Dichloropropane	0.446	0.464	-4.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.148	-14.7	98	0.01
59 T	2-Hexanone	0.158	0.163	-3.2	96	0.00
60 T	Dibromochloromethane	0.308	0.318	-3.2	93	0.00
61 T	1,2-Dibromoethane	0.232	0.243	-4.7	93	0.00
62 S	4-Bromofluorobenzene	0.370	0.350	5.4	89	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.324	0.323	0.3	89	0.01
65 PM	Chlorobenzene	1.042	1.103	-5.9	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.422	-6.6	95	0.00
67 C	Ethyl Benzene	1.875	2.016	-7.5#	93	0.01
68 T	m/p-Xylenes	0.688	0.751	-9.2	94	0.01
69 T	o-Xylene	0.645	0.700	-8.5	93	0.01
70 T	Styrene	0.939	1.051	-11.9	94	0.01
71 P	Bromoform	0.195	0.210	-7.7	94	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.01
73 T	Isopropylbenzene	4.083	4.428	-8.4	94	0.01
74 T	N-amyl acetate	0.820	0.906	-10.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.832	0.859	-3.2	96	0.00
76 T	1,2,3-Trichloropropane	0.543	0.571	-5.2	86	0.00
77 T	Bromobenzene	0.899	0.937	-4.2	94	0.01
78 T	n-propylbenzene	4.964	5.273	-6.2	92	0.01
79 T	2-Chlorotoluene	2.753	2.908	-5.6	94	0.01
80 T	1,3,5-Trimethylbenzene	3.229	3.467	-7.4	93	0.01
81 T	trans-1,4-Dichloro-2-butene	0.239	0.255	-6.7	98	0.01
82 T	4-Chlorotoluene	2.812	2.985	-6.2	94	0.01
83 T	tert-Butylbenzene	2.844	3.089	-8.6	96	0.00
84 T	1,2,4-Trimethylbenzene	3.180	3.444	-8.3	94	0.00
85 T	sec-Butylbenzene	4.214	4.469	-6.1	92	0.00
86 T	p-Isopropyltoluene	3.478	3.751	-7.8	92	0.00
87 T	1,3-Dichlorobenzene	1.763	1.859	-5.4	95	0.01
88 T	1,4-Dichlorobenzene	1.724	1.806	-4.8	95	0.01
89 T	n-Butylbenzene	3.344	3.622	-8.3	93	0.01
90 T	Hexachloroethane	0.747	0.777	-4.0	94	0.00
91 T	1,2-Dichlorobenzene	1.524	1.592	-4.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.107	-2.9	98	0.00
93 T	1,2,4-Trichlorobenzene	0.757	0.868	-14.7	98	0.00
94 T	Hexachlorobutadiene	0.474	0.497	-4.9	93	0.00
95 T	Naphthalene	1.345	1.621	-20.5	100	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.735	-14.5	98	0.01

(#) = Out of Range

SPCC's out = 0 CCC's out = 5