

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016607.D
 Acq On : 06 Dec 2023 10:53
 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 00:29:10 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	88	0.00
2 T	Dichlorodifluoromethane	0.442	0.454	-2.7	99	0.00
3 P	Chloromethane	0.458	0.382	16.6	79	0.00
4 C	Vinyl Chloride	0.463	0.408	11.9#	82	0.00
5 T	Bromomethane	0.290	0.265	8.6	85	0.00
6 T	Chloroethane	0.286	0.264	7.7	84	0.00
7 T	Trichlorofluoromethane	0.875	0.978	-11.8	102	0.00
8 T	Diethyl Ether	0.244	0.247	-1.2	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.508	-3.9	93	0.00
10 T	Methyl Iodide	0.517	0.567	-9.7	97	0.00
11 T	Tert butyl alcohol	0.031	0.036	-16.1	101	0.00
12 CM	1,1-Dichloroethene	0.444	0.472	-6.3#	95	0.00
13 T	Acrolein	0.046	0.050	-8.7	91	0.00
14 T	Allyl chloride	0.678	0.639	5.8	84	0.00
15 T	Acrylonitrile	0.098	0.097	1.0	84	0.00
16 T	Acetone	0.105	0.101	3.8	97	0.00
17 T	Carbon Disulfide	1.246	1.239	0.6	89	0.00
18 T	Methyl Acetate	0.415	0.420	-1.2	83	0.00
19 T	Methyl tert-butyl Ether	1.092	1.209	-10.7	95	0.00
20 T	Methylene Chloride	0.519	0.468	9.8	87	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.515	-3.0	93	0.00
22 T	Diisopropyl ether	1.395	1.302	6.7	81	0.00
23 T	Vinyl Acetate	0.670	0.639	4.6	82	0.00
24 P	1,1-Dichloroethane	0.857	0.832	2.9	88	0.00
25 T	2-Butanone	0.144	0.133	7.6	86	0.00
26 T	2,2-Dichloropropane	0.806	0.884	-9.7	100	0.00
27 T	cis-1,2-Dichloroethene	0.550	0.573	-4.2	93	0.00
28 T	Bromochloromethane	0.347	0.332	4.3	80	0.00
29 T	Tetrahydrofuran	0.082	0.077	6.1	79	0.00
30 C	Chloroform	0.913	0.949	-3.9#	94	0.00
31 T	Cyclohexane	0.789	0.714	9.5	86	0.00
32 T	1,1,1-Trichloroethane	0.864	0.973	-12.6	103	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.484	-4.8	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.301	0.323	-7.3	84	0.00
36 T	1,1-Dichloropropene	0.457	0.492	-7.7	91	0.00
37 T	Ethyl Acetate	0.191	0.191	0.0	81	0.00
38 T	Carbon Tetrachloride	0.530	0.641	-20.9	104	0.00
39 T	Methylcyclohexane	0.551	0.618	-12.2	93	0.00
40 TM	Benzene	1.289	1.370	-6.3	91	0.00
41 T	Methacrylonitrile	0.111	0.118	-6.3	87	0.00
42 TM	1,2-Dichloroethane	0.374	0.422	-12.8	95	0.00
43 T	Isopropyl Acetate	0.369	0.391	-6.0	85	0.00
44 TM	Trichloroethene	0.389	0.444	-14.1	99	0.00
45 C	1,2-Dichloropropane	0.310	0.306	1.3#	84	0.00
46 T	Dibromomethane	0.170	0.185	-8.8	89	0.00
47 T	Bromodichloromethane	0.453	0.500	-10.4	93	0.00
48 T	Methyl methacrylate	0.213	0.227	-6.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.138	1.251	-9.9	86	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.201	-4.7	83	0.00
52 CM	Toluene	0.808	0.899	-11.3#	93	0.00
53 T	t-1,3-Dichloropropene	0.428	0.481	-12.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.547	-9.0	90	0.00
55 T	1,1,2-Trichloroethane	0.237	0.261	-10.1	92	0.00
56 T	Ethyl methacrylate	0.217	0.252	-16.1	90	0.00
57 T	1,3-Dichloropropane	0.400	0.433	-8.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.141	-5.2	80	0.00
59 T	2-Hexanone	0.145	0.149	-2.8	86	0.00
60 T	Dibromochloromethane	0.317	0.369	-16.4	98	0.00
61 T	1,2-Dibromoethane	0.223	0.249	-11.7	90	0.00
62 S	4-Bromofluorobenzene	0.374	0.425	-13.6	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.458	0.535	-16.8	99	0.00
65 PM	Chlorobenzene	1.013	1.136	-12.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.448	-13.1	96	0.00
67 C	Ethyl Benzene	1.816	2.022	-11.3#	95	0.00
68 T	m/p-Xylenes	0.689	0.789	-14.5	97	0.00
69 T	o-Xylene	0.644	0.739	-14.8	99	0.00
70 T	Styrene	0.923	1.072	-16.1	97	0.00
71 P	Bromoform	0.214	0.256	-19.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.702	4.229	-14.2	97	0.00
74 T	N-amyl acetate	0.738	0.763	-3.4	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.589	0.608	-3.2	87	0.00
76 T	1,2,3-Trichloropropane	0.452	0.434	4.0	83	0.00
77 T	Bromobenzene	0.873	1.019	-16.7	100	0.00
78 T	n-propylbenzene	4.309	4.803	-11.5	96	0.00
79 T	2-Chlorotoluene	2.428	2.664	-9.7	94	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.454	-14.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.214	-7.0	90	0.00
82 T	4-Chlorotoluene	2.513	2.742	-9.1	94	0.00
83 T	tert-Butylbenzene	2.688	3.219	-19.8	101	0.00
84 T	1,2,4-Trimethylbenzene	2.938	3.402	-15.8	98	0.00
85 T	sec-Butylbenzene	3.775	4.306	-14.1	98	0.00
86 T	p-Isopropyltoluene	3.277	3.876	-18.3	99	0.00
87 T	1,3-Dichlorobenzene	1.666	1.900	-14.0	98	0.00
88 T	1,4-Dichlorobenzene	1.635	1.865	-14.1	97	0.00
89 T	n-Butylbenzene	2.947	3.368	-14.3	96	0.00
90 T	Hexachloroethane	0.645	0.708	-9.8	95	0.00
91 T	1,2-Dichlorobenzene	1.430	1.656	-15.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.116	-23.4	100	0.00
93 T	1,2,4-Trichlorobenzene	0.807	1.046	-29.6#	107	0.00
94 T	Hexachlorobutadiene	0.510	0.668	-31.0#	110	0.00
95 T	Naphthalene	1.362	1.806	-32.6#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.651	0.871	-33.8#	108	0.00

(#) = Out of Range

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