

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014508.D
 Acq On : 29 Jun 2023 19:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 30 04:13:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 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	99	0.00
2 T	Dichlorodifluoromethane	0.464	0.404	12.9	96	0.00
3 P	Chloromethane	0.454	0.375	17.4	84	0.00
4 C	Vinyl Chloride	0.495	0.482	2.6#	99	0.00
5 T	Bromomethane	0.435	0.501	-15.2	123	-0.02
6 T	Chloroethane	0.328	0.341	-4.0	104	-0.01
7 T	Trichlorofluoromethane	0.977	1.139	-16.6	120	-0.01
8 T	Diethyl Ether	0.298	0.270	9.4	90	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.416	10.0	92	-0.01
10 T	Methyl Iodide	0.541	0.431	20.3	70	-0.01
11 T	Tert butyl alcohol	0.098	0.084	14.3	100	-0.01
12 CM	1,1-Dichloroethene	0.461	0.415	10.0#	91	-0.01
13 T	Acrolein	0.076	0.079	-3.9	90	0.00
14 T	Allyl chloride	0.736	0.485	34.1#	64	-0.01
15 T	Acrylonitrile	0.167	0.131	21.6	77	0.00
16 T	Acetone	0.195	0.139	28.7#	63	-0.01
17 T	Carbon Disulfide	1.425	1.133	20.5	77	0.00
18 T	Methyl Acetate	0.672	0.488	27.4#	72	0.00
19 T	Methyl tert-butyl Ether	1.417	1.461	-3.1	98	0.00
20 T	Methylene Chloride	0.694	0.472	32.0#	82	0.00
21 T	trans-1,2-Dichloroethene	0.506	0.451	10.9	86	0.00
22 T	Diisopropyl ether	1.462	0.991	32.2#	65	0.00
23 T	Vinyl Acetate	0.746	0.617	17.3	75	0.00
24 P	1,1-Dichloroethane	0.868	0.715	17.6	81	0.00
25 T	2-Butanone	0.243	0.170	30.0#	66	0.00
26 T	2,2-Dichloropropane	0.918	0.841	8.4	92	0.00
27 T	cis-1,2-Dichloroethene	0.570	0.522	8.4	89	0.00
28 T	Bromochloromethane	0.379	0.248	34.6#	61	0.00
29 T	Tetrahydrofuran	0.145	0.100	31.0#	65	0.00
30 C	Chloroform	0.979	0.980	-0.1#	98	0.00
31 T	Cyclohexane	0.767	0.512	33.2#	69	0.00
32 T	1,1,1-Trichloroethane	0.932	1.042	-11.8	110	0.00
33 S	1,2-Dichloroethane-d4	0.621	0.684	-10.1	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.309	0.323	-4.5	90	0.00
36 T	1,1-Dichloropropene	0.476	0.451	5.3	86	0.00
37 T	Ethyl Acetate	0.328	0.258	21.3	70	0.00
38 T	Carbon Tetrachloride	0.599	0.743	-24.0	114	0.00
39 T	Methylcyclohexane	0.548	0.515	6.0	85	0.00
40 TM	Benzene	1.348	1.262	6.4	83	0.00
41 T	Methacrylonitrile	0.163	0.144	11.7	74	0.00
42 TM	1,2-Dichloroethane	0.511	0.607	-18.8	107	0.00
43 T	Isopropyl Acetate	0.579	0.484	16.4	74	0.00
44 TM	Trichloroethene	0.387	0.411	-6.2	97	0.00
45 C	1,2-Dichloropropane	0.318	0.252	20.8#	72	0.00
46 T	Dibromomethane	0.217	0.221	-1.8	91	0.00
47 T	Bromodichloromethane	0.506	0.556	-9.9	98	0.00
48 T	Methyl methacrylate	0.269	0.250	7.1	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	105	-0.02
50 S	Toluene-d8	1.228	1.259	-2.5	88	0.00
51 T	4-Methyl-2-Pentanone	0.327	0.270	17.4	72	0.00
52 CM	Toluene	0.868	0.882	-1.6#	89	0.00
53 T	t-1,3-Dichloropropene	0.549	0.570	-3.8	91	0.00
54 T	cis-1,3-Dichloropropene	0.566	0.531	6.2	84	0.00
55 T	1,1,2-Trichloroethane	0.291	0.293	-0.7	89	0.00
56 T	Ethyl methacrylate	0.415	0.414	0.2	85	0.00
57 T	1,3-Dichloropropane	0.489	0.470	3.9	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.195	0.172	11.8	73	0.00
59 T	2-Hexanone	0.246	0.205	16.7	71	0.00
60 T	Dibromochloromethane	0.386	0.447	-15.8	102	0.00
61 T	1,2-Dibromoethane	0.290	0.294	-1.4	89	0.00
62 S	4-Bromofluorobenzene	0.438	0.461	-5.3	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.425	0.491	-15.5	110	0.00
65 PM	Chlorobenzene	1.027	1.060	-3.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.414	0.468	-13.0	105	0.00
67 C	Ethyl Benzene	1.829	1.855	-1.4#	93	0.00
68 T	m/p-Xylenes	0.714	0.752	-5.3	96	0.00
69 T	o-Xylene	0.680	0.729	-7.2	97	0.00
70 T	Styrene	1.165	1.261	-8.2	98	0.00
71 P	Bromoform	0.306	0.354	-15.7	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.367	3.268	2.9	98	0.00
74 T	N-amyl acetate	1.066	0.750	29.6#	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.720	0.568	21.1	80	0.00
76 T	1,2,3-Trichloropropane	0.627	0.495	21.1	82	0.00
77 T	Bromobenzene	0.875	0.907	-3.7	106	0.00
78 T	n-propylbenzene	4.062	3.712	8.6	92	0.00
79 T	2-Chlorotoluene	2.320	2.126	8.4	93	0.00
80 T	1,3,5-Trimethylbenzene	2.912	2.950	-1.3	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.275	0.221	19.6	80	0.00
82 T	4-Chlorotoluene	2.471	2.278	7.8	93	0.00
83 T	tert-Butylbenzene	2.497	2.548	-2.0	103	0.00
84 T	1,2,4-Trimethylbenzene	2.886	2.910	-0.8	101	0.00
85 T	sec-Butylbenzene	3.611	3.457	4.3	96	0.00
86 T	p-Isopropyltoluene	3.126	3.231	-3.4	104	0.00
87 T	1,3-Dichlorobenzene	1.688	1.722	-2.0	103	0.00
88 T	1,4-Dichlorobenzene	1.697	1.709	-0.7	103	0.00
89 T	n-Butylbenzene	2.856	2.647	7.3	93	0.00
90 T	Hexachloroethane	0.595	0.555	6.7	95	0.00
91 T	1,2-Dichlorobenzene	1.541	1.581	-2.6	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.159	0.170	-6.9	109	0.00
93 T	1,2,4-Trichlorobenzene	1.001	1.120	-11.9	111	0.00
94 T	Hexachlorobutadiene	0.602	0.664	-10.3	115	0.00
95 T	Naphthalene	2.153	2.400	-11.5	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.912	1.009	-10.6	111	0.00

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