

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015211.D
 Acq On : 21 Aug 2023 09:14
 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: Aug 22 01:49:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	78	0.00
2 T	Dichlorodifluoromethane	0.253	0.199	21.3	72	0.00
3 P	Chloromethane	0.347	0.289	16.7	74	0.00
4 C	Vinyl Chloride	0.398	0.350	12.1#	72	0.00
5 T	Bromomethane	0.291	0.257	11.7	69	0.01
6 T	Chloroethane	0.289	0.279	3.5	76	0.00
7 T	Trichlorofluoromethane	0.670	0.635	5.2	77	0.00
8 T	Diethyl Ether	0.263	0.253	3.8	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.381	8.6	74	0.01
10 T	Methyl Iodide	0.409	0.372	9.0	67	0.00
11 T	Tert butyl alcohol	0.116	0.090	22.4	72	0.03
12 CM	1,1-Dichloroethene	0.348	0.318	8.6#	72	0.00
13 T	Acrolein	0.056	0.027	51.8#	60	0.00
14 T	Allyl chloride	0.617	0.545	11.7	69	0.00
15 T	Acrylonitrile	0.178	0.176	1.1	77	0.00
16 T	Acetone	0.196	0.253	-29.1#	97	0.01
17 T	Carbon Disulfide	0.612	0.518	15.4	65	0.00
18 T	Methyl Acetate	0.719	0.694	3.5	75	0.01
19 T	Methyl tert-butyl Ether	1.479	1.450	2.0	77	0.00
20 T	Methylene Chloride	0.570	0.444	22.1	72	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.356	9.2	72	0.00
22 T	Diisopropyl ether	1.539	1.427	7.3	73	0.00
23 T	Vinyl Acetate	0.918	0.870	5.2	73	0.00
24 P	1,1-Dichloroethane	0.833	0.775	7.0	73	0.00
25 T	2-Butanone	0.278	0.309	-11.2	87	0.01
26 T	2,2-Dichloropropane	0.803	0.748	6.8	76	0.00
27 T	cis-1,2-Dichloroethene	0.536	0.506	5.6	75	0.00
28 T	Bromochloromethane	0.383	0.398	-3.9	83	0.00
29 T	Tetrahydrofuran	0.166	0.160	3.6	76	0.00
30 C	Chloroform	0.934	0.874	6.4#	74	0.00
31 T	Cyclohexane	0.597	0.498	16.6	70	0.00
32 T	1,1,1-Trichloroethane	0.795	0.754	5.2	75	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.650	-8.3	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.322	0.366	-13.7	83	0.00
36 T	1,1-Dichloropropene	0.356	0.340	4.5	72	0.00
37 T	Ethyl Acetate	0.332	0.336	-1.2	78	0.00
38 T	Carbon Tetrachloride	0.421	0.411	2.4	74	0.00
39 T	Methylcyclohexane	0.399	0.378	5.3	72	0.00
40 TM	Benzene	1.076	1.037	3.6	73	0.00
41 T	Methacrylonitrile	0.171	0.145	15.2	60	0.00
42 TM	1,2-Dichloroethane	0.391	0.391	0.0	75	0.00
43 T	Isopropyl Acetate	0.604	0.615	-1.8	77	0.00
44 TM	Trichloroethene	0.310	0.309	0.3	76	0.00
45 C	1,2-Dichloropropane	0.303	0.293	3.3#	73	0.00
46 T	Dibromomethane	0.191	0.196	-2.6	76	0.00
47 T	Bromodichloromethane	0.457	0.466	-2.0	76	0.00
48 T	Methyl methacrylate	0.258	0.268	-3.9	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	78	0.01
50 S	Toluene-d8	1.197	1.321	-10.4	81	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.377	-7.7	80	0.00
52 CM	Toluene	0.709	0.702	1.0#	74	0.00
53 T	t-1,3-Dichloropropene	0.480	0.485	-1.0	75	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.510	-1.0	76	0.00
55 T	1,1,2-Trichloroethane	0.291	0.300	-3.1	78	0.00
56 T	Ethyl methacrylate	0.426	0.444	-4.2	76	0.00
57 T	1,3-Dichloropropane	0.475	0.487	-2.5	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.206	-4.0	80	0.00
59 T	2-Hexanone	0.259	0.301	-16.2	86	0.00
60 T	Dibromochloromethane	0.347	0.364	-4.9	78	0.00
61 T	1,2-Dibromoethane	0.276	0.284	-2.9	77	0.00
62 S	4-Bromofluorobenzene	0.437	0.491	-12.4	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.348	0.366	-5.2	80	0.00
65 PM	Chlorobenzene	0.911	0.897	1.5	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.381	-3.0	78	0.00
67 C	Ethyl Benzene	1.596	1.558	2.4#	75	0.00
68 T	m/p-Xylenes	0.606	0.592	2.3	74	0.00
69 T	o-Xylene	0.604	0.596	1.3	76	0.00
70 T	Styrene	1.045	1.049	-0.4	76	0.00
71 P	Bromoform	0.268	0.284	-6.0	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.215	3.111	3.2	76	0.00
74 T	N-amyl acetate	1.161	1.181	-1.7	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.861	-2.9	79	0.00
76 T	1,2,3-Trichloropropane	0.607	0.682	-12.4	90	0.00
77 T	Bromobenzene	0.784	0.774	1.3	78	0.00
78 T	n-propylbenzene	3.818	3.696	3.2	77	0.00
79 T	2-Chlorotoluene	2.203	2.140	2.9	77	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.622	2.2	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.291	-5.1	79	0.00
82 T	4-Chlorotoluene	2.275	2.255	0.9	77	0.00
83 T	tert-Butylbenzene	2.451	2.392	2.4	76	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.641	1.4	76	0.00
85 T	sec-Butylbenzene	3.592	3.513	2.2	77	0.00
86 T	p-Isopropyltoluene	2.978	2.936	1.4	77	0.00
87 T	1,3-Dichlorobenzene	1.554	1.541	0.8	78	0.00
88 T	1,4-Dichlorobenzene	1.559	1.545	0.9	77	0.00
89 T	n-Butylbenzene	2.808	2.754	1.9	76	0.00
90 T	Hexachloroethane	0.591	0.569	3.7	76	0.00
91 T	1,2-Dichlorobenzene	1.452	1.449	0.2	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.174	-7.4	83	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.940	-0.9	78	0.00
94 T	Hexachlorobutadiene	0.507	0.496	2.2	78	0.00
95 T	Naphthalene	2.322	2.399	-3.3	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.856	-1.7	79	0.00

(#) = Out of Range

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