

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012662.D
 Acq On : 17 Feb 2023 19:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 17 22:50:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 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	77	0.00
2 T	Dichlorodifluoromethane	0.403	0.284	29.5#	64	0.00
3 P	Chloromethane	0.390	0.293	24.9	65	0.00
4 C	Vinyl Chloride	0.485	0.404	16.7#	70	0.00
5 T	Bromomethane	0.400	0.353	11.8	79	0.00
6 T	Chloroethane	0.338	0.311	8.0	77	0.00
7 T	Trichlorofluoromethane	0.998	0.928	7.0	77	0.00
8 T	Diethyl Ether	0.296	0.305	-3.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.484	4.0	77	0.00
10 T	Methyl Iodide	0.653	0.605	7.4	70	0.00
11 T	Tert butyl alcohol	0.072	0.060	16.7	90	0.00
12 CM	1,1-Dichloroethene	0.498	0.452	9.2#	75	0.00
13 T	Acrolein	0.075	0.050	33.3#	59	0.00
14 T	Allyl chloride	0.607	0.558	8.1	74	0.00
15 T	Acrylonitrile	0.136	0.154	-13.2	95	0.00
16 T	Acetone	0.153	0.128	16.3	67	0.00
17 T	Carbon Disulfide	1.291	0.984	23.8	65	0.00
18 T	Methyl Acetate	0.368	0.381	-3.5	94	0.00
19 T	Methyl tert-butyl Ether	1.457	1.658	-13.8	92	0.00
20 T	Methylene Chloride	0.677	0.596	12.0	81	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.522	3.9	78	0.00
22 T	Diisopropyl ether	1.234	1.302	-5.5	83	-0.01
23 T	Vinyl Acetate	0.744	0.818	-9.9	87	0.00
24 P	1,1-Dichloroethane	0.882	0.888	-0.7	81	0.00
25 T	2-Butanone	0.170	0.172	-1.2	85	0.00
26 T	2,2-Dichloropropane	0.969	0.936	3.4	78	0.00
27 T	cis-1,2-Dichloroethene	0.630	0.655	-4.0	83	0.00
28 T	Bromochloromethane	0.321	0.368	-14.6	86	0.00
29 T	Tetrahydrofuran	0.092	0.106	-15.2	97	0.00
30 C	Chloroform	1.064	1.137	-6.9#	86	0.00
31 T	Cyclohexane	0.735	0.618	15.9	71	0.00
32 T	1,1,1-Trichloroethane	1.032	1.081	-4.7	83	0.00
33 S	1,2-Dichloroethane-d4	0.636	0.698	-9.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.364	0.409	-12.4	85	0.00
36 T	1,1-Dichloropropene	0.493	0.475	3.7	77	0.00
37 T	Ethyl Acetate	0.222	0.242	-9.0	92	0.00
38 T	Carbon Tetrachloride	0.662	0.687	-3.8	83	0.00
39 T	Methylcyclohexane	0.593	0.557	6.1	74	0.00
40 TM	Benzene	1.456	1.475	-1.3	81	0.00
41 T	Methacrylonitrile	0.122	0.120	1.6	72	-0.02
42 TM	1,2-Dichloroethane	0.472	0.531	-12.5	91	0.00
43 T	Isopropyl Acetate	0.412	0.468	-13.6	94	0.00
44 TM	Trichloroethene	0.443	0.461	-4.1	84	0.00
45 C	1,2-Dichloropropane	0.316	0.332	-5.1#	83	0.00
46 T	Dibromomethane	0.209	0.234	-12.0	92	0.00
47 T	Bromodichloromethane	0.542	0.605	-11.6	88	0.00
48 T	Methyl methacrylate	0.188	0.215	-14.4	94	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	0.00
50 S	Toluene-d8	1.516	1.641	-8.2	82	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.269	-21.2	100	0.00
52 CM	Toluene	0.987	1.048	-6.2#	84	0.00
53 T	t-1,3-Dichloropropene	0.546	0.606	-11.0	87	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.639	-8.1	85	0.00
55 T	1,1,2-Trichloroethane	0.305	0.359	-17.7	95	0.00
56 T	Ethyl methacrylate	0.384	0.461	-20.1	96	0.00
57 T	1,3-Dichloropropane	0.493	0.570	-15.6	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.208	-20.9	96	0.00
59 T	2-Hexanone	0.168	0.194	-15.5	94	0.00
60 T	Dibromochloromethane	0.407	0.483	-18.7	94	0.00
61 T	1,2-Dibromoethane	0.286	0.332	-16.1	94	0.00
62 S	4-Bromofluorobenzene	0.529	0.577	-9.1	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.522	0.580	-11.1	90	0.00
65 PM	Chlorobenzene	1.186	1.218	-2.7	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.465	0.506	-8.8	92	0.00
67 C	Ethyl Benzene	2.082	2.116	-1.6#	85	0.00
68 T	m/p-Xylenes	0.831	0.847	-1.9	85	0.00
69 T	o-Xylene	0.791	0.836	-5.7	86	0.00
70 T	Styrene	1.342	1.445	-7.7	89	0.00
71 P	Bromoform	0.294	0.345	-17.3	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	4.045	3.885	4.0	85	0.00
74 T	N-amyl acetate	0.732	0.759	-3.7	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.654	0.670	-2.4	99	0.00
76 T	1,2,3-Trichloropropane	0.559	0.581	-3.9	101	0.00
77 T	Bromobenzene	0.980	0.985	-0.5	93	0.00
78 T	n-propylbenzene	4.656	4.418	5.1	84	0.00
79 T	2-Chlorotoluene	2.643	2.557	3.3	87	0.00
80 T	1,3,5-Trimethylbenzene	3.482	3.395	2.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.248	0.0	94	0.00
82 T	4-Chlorotoluene	2.773	2.685	3.2	87	0.00
83 T	tert-Butylbenzene	3.054	3.026	0.9	89	0.00
84 T	1,2,4-Trimethylbenzene	3.426	3.354	2.1	86	0.00
85 T	sec-Butylbenzene	4.369	4.268	2.3	87	0.00
86 T	p-Isopropyltoluene	3.790	3.768	0.6	88	0.00
87 T	1,3-Dichlorobenzene	1.951	1.986	-1.8	93	0.00
88 T	1,4-Dichlorobenzene	1.954	1.961	-0.4	92	0.00
89 T	n-Butylbenzene	3.239	3.135	3.2	85	0.00
90 T	Hexachloroethane	0.696	0.685	1.6	89	0.00
91 T	1,2-Dichlorobenzene	1.755	1.840	-4.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.145	-11.5	110	0.00
93 T	1,2,4-Trichlorobenzene	1.087	1.184	-8.9	99	0.00
94 T	Hexachlorobutadiene	0.676	0.696	-3.0	94	0.00
95 T	Naphthalene	2.087	2.509	-20.2	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.941	1.065	-13.2	104	0.00

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