

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016801.D
 Acq On : 22 Dec 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 10:20:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	86	0.02
2 T	Dichlorodifluoromethane	0.427	0.345	19.2	84	0.00
3 P	Chloromethane	0.657	0.576	12.3	91	0.01
4 C	Vinyl Chloride	0.742	0.655	11.7#	87	0.01
5 T	Bromomethane	0.528	0.477	9.7	95	0.02
6 T	Chloroethane	0.503	0.452	10.1	91	0.01
7 T	Trichlorofluoromethane	0.864	0.772	10.6	89	0.02
8 T	Diethyl Ether	0.276	0.256	7.2	89	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.478	9.8	89	0.03
10 T	Methyl Iodide	0.552	0.459	16.8	78	0.02
11 T	Tert butyl alcohol	0.037	0.034	8.1	91	0.04
12 CM	1,1-Dichloroethene	0.472	0.442	6.4#	90	0.02
13 T	Acrolein	0.029	0.028	3.4	79	0.02
14 T	Allyl chloride	0.723	0.704	2.6	92	0.03
15 T	Acrylonitrile	0.117	0.122	-4.3	94	0.03
16 T	Acetone	0.123	0.149	-21.1	131	0.02
17 T	Carbon Disulfide	1.284	1.218	5.1	89	0.02
18 T	Methyl Acetate	0.482	0.542	-12.4	93	0.02
19 T	Methyl tert-butyl Ether	1.215	1.163	4.3	90	0.03
20 T	Methylene Chloride	0.723	0.541	25.2#	89	0.03
21 T	trans-1,2-Dichloroethene	0.538	0.521	3.2	92	0.03
22 T	Diisopropyl ether	1.636	1.661	-1.5	95	0.03
23 T	Vinyl Acetate	0.774	0.774	0.0	95	0.02
24 P	1,1-Dichloroethane	0.983	0.955	2.8	93	0.03
25 T	2-Butanone	0.170	0.188	-10.6	112	0.03
26 T	2,2-Dichloropropane	0.857	0.796	7.1	91	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.593	4.4	91	0.02
28 T	Bromochloromethane	0.389	0.442	-13.6	89	0.02
29 T	Tetrahydrofuran	0.093	0.099	-6.5	95	0.02
30 C	Chloroform	1.006	0.982	2.4#	95	0.02
31 T	Cyclohexane	0.875	0.789	9.8	90	0.02
32 T	1,1,1-Trichloroethane	0.883	0.822	6.9	91	0.02
33 S	1,2-Dichloroethane-d4	0.456	0.445	2.4	74	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.02
35 S	Dibromofluoromethane	0.286	0.267	6.6	72	0.02
36 T	1,1-Dichloropropene	0.459	0.428	6.8	91	0.02
37 T	Ethyl Acetate	0.197	0.199	-1.0	93	0.02
38 T	Carbon Tetrachloride	0.454	0.417	8.1	91	0.02
39 T	Methylcyclohexane	0.530	0.506	4.5	91	0.02
40 TM	Benzene	1.336	1.272	4.8	93	0.02
41 T	Methacrylonitrile	0.104	0.104	0.0	84	0.02
42 TM	1,2-Dichloroethane	0.349	0.344	1.4	94	0.02
43 T	Isopropyl Acetate	0.382	0.379	0.8	94	0.02
44 TM	Trichloroethene	0.341	0.316	7.3	91	0.02
45 C	1,2-Dichloropropane	0.335	0.324	3.3#	95	0.02
46 T	Dibromomethane	0.173	0.171	1.2	95	0.02
47 T	Bromodichloromethane	0.456	0.436	4.4	93	0.02
48 T	Methyl methacrylate	0.212	0.220	-3.8	95	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.02
50 S	Toluene-d8	1.032	0.975	5.5	72	0.02
51 T	4-Methyl-2-Pentanone	0.204	0.213	-4.4	96	0.01
52 CM	Toluene	0.801	0.778	2.9#	93	0.02
53 T	t-1,3-Dichloropropene	0.416	0.407	2.2	92	0.02
54 T	cis-1,3-Dichloropropene	0.502	0.489	2.6	93	0.01
55 T	1,1,2-Trichloroethane	0.247	0.239	3.2	93	0.01
56 T	Ethyl methacrylate	0.217	0.222	-2.3	93	0.01
57 T	1,3-Dichloropropane	0.420	0.415	1.2	94	0.01
58 T	2-Chloroethyl Vinyl ether	0.117	0.130	-11.1	72	0.02
59 T	2-Hexanone	0.152	0.163	-7.2	104	0.01
60 T	Dibromochloromethane	0.286	0.278	2.8	94	0.01
61 T	1,2-Dibromoethane	0.222	0.217	2.3	93	0.01
62 S	4-Bromofluorobenzene	0.335	0.307	8.4	70	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.01
64 T	Tetrachloroethene	0.311	0.281	9.6	90	0.02
65 PM	Chlorobenzene	0.982	0.925	5.8	93	0.01
66 T	1,1,1,2-Tetrachloroethane	0.370	0.348	5.9	93	0.01
67 C	Ethyl Benzene	1.808	1.724	4.6#	93	0.02
68 T	m/p-Xylenes	0.668	0.635	4.9	92	0.02
69 T	o-Xylene	0.613	0.596	2.8	93	0.01
70 T	Styrene	0.906	0.879	3.0	92	0.01
71 P	Bromoform	0.184	0.175	4.9	92	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.01
73 T	Isopropylbenzene	3.894	3.793	2.6	92	0.01
74 T	N-amyl acetate	0.817	0.799	2.2	91	0.01
75 P	1,1,2,2-Tetrachloroethane	0.778	0.774	0.5	96	0.00
76 T	1,2,3-Trichloropropane	0.553	0.457	17.4	89	0.01
77 T	Bromobenzene	0.850	0.804	5.4	91	0.01
78 T	n-propylbenzene	4.718	4.583	2.9	92	0.01
79 T	2-Chlorotoluene	2.611	2.485	4.8	91	0.01
80 T	1,3,5-Trimethylbenzene	3.082	3.018	2.1	92	0.01
81 T	trans-1,4-Dichloro-2-butene	0.235	0.224	4.7	91	0.01
82 T	4-Chlorotoluene	2.678	2.537	5.3	91	0.01
83 T	tert-Butylbenzene	2.681	2.577	3.9	89	0.00
84 T	1,2,4-Trimethylbenzene	3.040	2.953	2.9	90	0.01
85 T	sec-Butylbenzene	3.971	3.791	4.5	90	0.00
86 T	p-Isopropyltoluene	3.307	3.153	4.7	89	0.00
87 T	1,3-Dichlorobenzene	1.660	1.543	7.0	91	0.01
88 T	1,4-Dichlorobenzene	1.621	1.491	8.0	89	0.01
89 T	n-Butylbenzene	3.162	3.008	4.9	88	0.01
90 T	Hexachloroethane	0.689	0.642	6.8	92	0.00
91 T	1,2-Dichlorobenzene	1.414	1.332	5.8	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.090	10.9	86	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.661	11.9	82	0.00
94 T	Hexachlorobutadiene	0.426	0.373	12.4	83	0.00
95 T	Naphthalene	1.420	1.278	10.0	81	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.556	13.0	79	0.00

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