

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014372.D
 Acq On : 22 Jun 2023 09:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 12.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 09:26:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	85	0.01
2 T	Dichlorodifluoromethane	0.557	0.439	21.2	69	0.00
3 P	Chloromethane	0.707	0.514	27.3#	65	0.00
4 C	Vinyl Chloride	0.687	0.535	22.1#	68	0.00
5 T	Bromomethane	0.567	0.442	22.0	76	-0.01
6 T	Chloroethane	0.467	0.365	21.8	72	0.00
7 T	Trichlorofluoromethane	1.116	1.027	8.0	80	0.00
8 T	Diethyl Ether	0.373	0.330	11.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.513	8.9	77	0.00
10 T	Methyl Iodide	0.744	0.544	26.9#	61	0.00
11 T	Tert butyl alcohol	0.092	0.078	15.2	90	0.00
12 CM	1,1-Dichloroethene	0.571	0.489	14.4#	75	0.00
13 T	Acrolein	0.044	0.000	100.0#	0#	-3.73#
14 T	Allyl chloride	1.035	0.849	18.0	71	0.00
15 T	Acrylonitrile	0.192	0.189	1.6	87	0.01
16 T	Acetone	0.210	0.161	23.3	77	0.00
17 T	Carbon Disulfide	1.850	1.489	19.5	71	0.00
18 T	Methyl Acetate	0.815	1.044	-28.1#	120	0.00
19 T	Methyl tert-butyl Ether	1.684	1.583	6.0	79	0.01
20 T	Methylene Chloride	0.775	0.825	-6.5	104	0.01
21 T	trans-1,2-Dichloroethene	0.637	0.579	9.1	77	0.01
22 T	Diisopropyl ether	1.981	1.819	8.2	78	0.01
23 T	Vinyl Acetate	1.169	0.894	23.5	65	0.01
24 P	1,1-Dichloroethane	1.142	1.036	9.3	79	0.02
25 T	2-Butanone	0.258	0.257	0.4	94	0.00
26 T	2,2-Dichloropropane	1.073	0.835	22.2	68	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.677	4.9	84	0.02
28 T	Bromochloromethane	0.465	0.409	12.0	81	0.01
29 T	Tetrahydrofuran	0.164	0.168	-2.4	94	0.01
30 C	Chloroform	1.212	1.172	3.3#	84	0.00
31 T	Cyclohexane	0.933	0.826	11.5	78	0.00
32 T	1,1,1-Trichloroethane	1.093	1.060	3.0	84	0.01
33 S	1,2-Dichloroethane-d4	0.696	0.704	-1.1	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.355	0.390	-9.9	98	0.01
36 T	1,1-Dichloropropene	0.553	0.526	4.9	82	0.00
37 T	Ethyl Acetate	0.381	0.333	12.6	77	0.01
38 T	Carbon Tetrachloride	0.638	0.636	0.3	85	0.01
39 T	Methylcyclohexane	0.613	0.570	7.0	77	0.00
40 TM	Benzene	1.644	1.551	5.7	82	0.00
41 T	Methacrylonitrile	0.195	0.158	19.0	81	0.01
42 TM	1,2-Dichloroethane	0.581	0.554	4.6	84	0.00
43 T	Isopropyl Acetate	0.669	0.615	8.1	81	0.00
44 TM	Trichloroethene	0.439	0.424	3.4	83	0.00
45 C	1,2-Dichloropropane	0.418	0.384	8.1#	80	0.01
46 T	Dibromomethane	0.257	0.245	4.7	85	0.00
47 T	Bromodichloromethane	0.602	0.586	2.7	84	0.00
48 T	Methyl methacrylate	0.312	0.309	1.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	94	-0.02
50 S	Toluene-d8	1.326	1.334	-0.6	95	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.373	-2.8	91	0.00
52 CM	Toluene	1.019	0.998	2.1#	84	0.00
53 T	t-1,3-Dichloropropene	0.634	0.579	8.7	79	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.615	11.0	78	0.00
55 T	1,1,2-Trichloroethane	0.341	0.337	1.2	86	0.00
56 T	Ethyl methacrylate	0.470	0.471	-0.2	84	0.00
57 T	1,3-Dichloropropane	0.583	0.561	3.8	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.367	-107.3#	155#	0.00
59 T	2-Hexanone	0.262	0.261	0.4	89	0.00
60 T	Dibromochloromethane	0.436	0.440	-0.9	88	0.00
61 T	1,2-Dibromoethane	0.336	0.328	2.4	86	0.00
62 S	4-Bromofluorobenzene	0.471	0.556	-18.0	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.426	0.490	-15.0	105	0.00
65 PM	Chlorobenzene	1.201	1.126	6.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.452	4.4	86	0.00
67 C	Ethyl Benzene	2.103	2.031	3.4#	86	0.00
68 T	m/p-Xylenes	0.809	0.780	3.6	86	0.00
69 T	o-Xylene	0.765	0.751	1.8	87	0.00
70 T	Styrene	1.305	1.291	1.1	88	0.00
71 P	Bromoform	0.324	0.324	0.0	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.814	3.553	6.8	87	0.00
74 T	N-amyl acetate	1.209	0.902	25.4#	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.762	10.6	89	0.00
76 T	1,2,3-Trichloropropane	0.656	0.585	10.8	83	0.00
77 T	Bromobenzene	1.003	0.904	9.9	87	0.00
78 T	n-propylbenzene	4.659	4.357	6.5	88	0.00
79 T	2-Chlorotoluene	2.681	2.499	6.8	90	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.086	5.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.241	20.5	76	0.00
82 T	4-Chlorotoluene	2.841	2.598	8.6	88	0.00
83 T	tert-Butylbenzene	2.775	2.610	5.9	89	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.106	3.9	91	0.00
85 T	sec-Butylbenzene	4.035	3.811	5.6	88	0.00
86 T	p-Isopropyltoluene	3.453	3.180	7.9	86	0.00
87 T	1,3-Dichlorobenzene	1.914	1.749	8.6	89	0.00
88 T	1,4-Dichlorobenzene	1.929	1.743	9.6	89	0.00
89 T	n-Butylbenzene	3.203	2.933	8.4	86	0.00
90 T	Hexachloroethane	0.688	0.657	4.5	93	0.00
91 T	1,2-Dichlorobenzene	1.719	1.602	6.8	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.157	3.1	104	0.00
93 T	1,2,4-Trichlorobenzene	1.089	0.954	12.4	86	0.00
94 T	Hexachlorobutadiene	0.629	0.576	8.4	88	0.00
95 T	Naphthalene	2.210	2.088	5.5	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.885	10.1	91	0.00

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