

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017302.D
 Acq On : 07 Feb 2024 20:22
 Operator : SY/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 08 01:47:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 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	65	0.00
2 T	Dichlorodifluoromethane	0.379	0.320	15.6	65	0.00
3 P	Chloromethane	0.681	1.007	-47.9#	108	-0.01
4 C	Vinyl Chloride	0.830	1.233	-48.6#	109	0.00
5 T	Bromomethane	0.575	0.877	-52.5#	114	0.00
6 T	Chloroethane	0.536	0.792	-47.8#	106	0.00
7 T	Trichlorofluoromethane	0.853	1.008	-18.2	86	-0.01
8 T	Diethyl Ether	0.268	0.214	20.1	54	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.518	-0.2	71	0.00
10 T	Methyl Iodide	0.544	0.403	25.9#	50#	0.00
11 T	Tert butyl alcohol	0.044	0.020	54.5#	39#	0.04
12 CM	1,1-Dichloroethene	0.485	0.474	2.3#	69	0.00
13 T	Acrolein	0.041	0.020	51.2#	37#	0.00
14 T	Allyl chloride	0.733	0.721	1.6	68	0.00
15 T	Acrylonitrile	0.121	0.081	33.1#	47#	0.00
16 T	Acetone	0.131	0.063	51.9#	37#	0.02
17 T	Carbon Disulfide	1.547	1.454	6.0	66	0.00
18 T	Methyl Acetate	0.293	0.247	15.7	53	0.00
19 T	Methyl tert-butyl Ether	1.167	0.968	17.1	57	0.00
20 T	Methylene Chloride	0.617	0.498	19.3	63	0.00
21 T	trans-1,2-Dichloroethene	0.551	0.555	-0.7	70	0.00
22 T	Diisopropyl ether	1.609	1.572	2.3	66	0.00
23 T	Vinyl Acetate	0.975	0.758	22.3	53	0.00
24 P	1,1-Dichloroethane	0.986	0.996	-1.0	71	0.00
25 T	2-Butanone	0.175	0.102	41.7#	43#	0.00
26 T	2,2-Dichloropropane	0.820	0.774	5.6	66	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.581	5.8	65	0.00
28 T	Bromochloromethane	0.377	0.299	20.7	49#	0.00
29 T	Tetrahydrofuran	0.099	0.068	31.3#	48#	0.00
30 C	Chloroform	0.992	0.984	0.8#	69	0.00
31 T	Cyclohexane	0.900	0.906	-0.7	73	0.00
32 T	1,1,1-Trichloroethane	0.853	0.905	-6.1	74	0.00
33 S	1,2-Dichloroethane-d4	0.447	0.352	21.3	50#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.270	0.215	20.4	51	0.00
36 T	1,1-Dichloropropene	0.466	0.481	-3.2	72	0.00
37 T	Ethyl Acetate	0.216	0.142	34.3#	48#	0.00
38 T	Carbon Tetrachloride	0.446	0.466	-4.5	74	0.00
39 T	Methylcyclohexane	0.544	0.566	-4.0	72	0.00
40 TM	Benzene	1.330	1.328	0.2	71	0.00
41 T	Methacrylonitrile	0.102	0.068	33.3#	48#	0.00
42 TM	1,2-Dichloroethane	0.352	0.308	12.5	62	0.00
43 T	Isopropyl Acetate	0.382	0.298	22.0	55	0.00
44 TM	Trichloroethene	0.338	0.326	3.6	68	0.00
45 C	1,2-Dichloropropane	0.327	0.314	4.0#	68	0.00
46 T	Dibromomethane	0.176	0.146	17.0	58	0.00
47 T	Bromodichloromethane	0.442	0.403	8.8	65	0.00
48 T	Methyl methacrylate	0.179	0.143	20.1	56	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.001	50.0#	45#	0.02
50 S	Toluene-d8	0.983	0.857	12.8	54	0.00
51 T	4-Methyl-2-Pentanone	0.205	0.157	23.4	53	0.00
52 CM	Toluene	0.803	0.820	-2.1#	71	0.00
53 T	t-1,3-Dichloropropene	0.415	0.346	16.6	58	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.439	11.7	61	0.00
55 T	1,1,2-Trichloroethane	0.240	0.195	18.7	57	0.00
56 T	Ethyl methacrylate	0.292	0.239	18.2	54	0.00
57 T	1,3-Dichloropropane	0.413	0.339	17.9	57	-0.01
58 T	2-Chloroethyl Vinyl ether	0.150	0.115	23.3	50#	0.00
59 T	2-Hexanone	0.148	0.103	30.4#	49#	0.00
60 T	Dibromochloromethane	0.282	0.231	18.1	58	0.00
61 T	1,2-Dibromoethane	0.223	0.174	22.0	56	0.00
62 S	4-Bromofluorobenzene	0.322	0.255	20.8	51	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	-0.01
64 T	Tetrachloroethene	0.325	0.361	-11.1	76	0.00
65 PM	Chlorobenzene	0.965	0.952	1.3	66	0.00
66 T	1,1,1,2-Tetrachloroethane	0.351	0.336	4.3	64	0.00
67 C	Ethyl Benzene	1.743	1.900	-9.0#	71	0.00
68 T	m/p-Xylenes	0.662	0.716	-8.2	71	0.00
69 T	o-Xylene	0.609	0.642	-5.4	68	0.00
70 T	Styrene	1.004	1.058	-5.4	67	0.00
71 P	Bromoform	0.184	0.147	20.1	54	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.673	4.046	-10.2	73	0.00
74 T	N-amyl acetate	0.825	0.736	10.8	59	0.00
75 P	1,1,2,2-Tetrachloroethane	0.722	0.571	20.9	54	0.00
76 T	1,2,3-Trichloropropane	0.461	0.418	9.3	64	0.00
77 T	Bromobenzene	0.815	0.755	7.4	63	0.00
78 T	n-propylbenzene	4.511	5.040	-11.7	73	0.00
79 T	2-Chlorotoluene	2.480	2.605	-5.0	70	0.00
80 T	1,3,5-Trimethylbenzene	2.921	3.193	-9.3	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.166	25.2#	50	0.00
82 T	4-Chlorotoluene	2.553	2.668	-4.5	70	0.00
83 T	tert-Butylbenzene	2.504	2.772	-10.7	72	0.00
84 T	1,2,4-Trimethylbenzene	2.884	3.088	-7.1	70	-0.01
85 T	sec-Butylbenzene	3.914	4.394	-12.3	74	-0.01
86 T	p-Isopropyltoluene	3.128	3.441	-10.0	72	0.00
87 T	1,3-Dichlorobenzene	1.625	1.587	2.3	66	0.00
88 T	1,4-Dichlorobenzene	1.579	1.527	3.3	67	0.00
89 T	n-Butylbenzene	2.974	3.325	-11.8	73	0.00
90 T	Hexachloroethane	0.642	0.667	-3.9	71	-0.01
91 T	1,2-Dichlorobenzene	1.384	1.298	6.2	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.071	24.5	53	0.00
93 T	1,2,4-Trichlorobenzene	0.687	0.621	9.6	61	0.00
94 T	Hexachlorobutadiene	0.405	0.387	4.4	68	0.00
95 T	Naphthalene	1.270	1.074	15.4	57	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.585	0.524	10.4	63	0.00

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