

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019043.D
 Acq On : 13 Aug 2024 20:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 01:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 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	54	0.00
2 T	Dichlorodifluoromethane	0.344	0.290	15.7	47#	0.00
3 P	Chloromethane	0.860	0.803	6.6	50#	0.00
4 C	Vinyl Chloride	1.152	1.109	3.7#	50#	0.00
5 T	Bromomethane	0.919	0.921	-0.2	57	0.00
6 T	Chloroethane	0.774	0.759	1.9	51	0.00
7 T	Trichlorofluoromethane	1.535	1.559	-1.6	56	0.00
8 T	Diethyl Ether	0.237	0.214	9.7	48#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.431	10.2	48#	0.00
10 T	Methyl Iodide	0.518	0.488	5.8	44#	0.00
11 T	Tert butyl alcohol	0.053	0.029	45.3#	39#	-0.01
12 CM	1,1-Dichloroethene	0.453	0.414	8.6#	47#	-0.01
13 T	Acrolein	0.048	0.032	33.3#	38#	0.00
14 T	Allyl chloride	0.606	0.532	12.2	45#	-0.01
15 T	Acrylonitrile	0.093	0.091	2.2	50#	0.00
16 T	Acetone	0.097	0.074	23.7	33#	0.00
17 T	Carbon Disulfide	1.347	1.155	14.3	44#	0.00
18 T	Methyl Acetate	0.244	0.249	-2.0	57	0.00
19 T	Methyl tert-butyl Ether	1.114	0.981	11.9	46#	0.00
20 T	Methylene Chloride	0.611	0.492	19.5	49#	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.507	-1.2	52	0.00
22 T	Diisopropyl ether	1.321	1.276	3.4	50#	0.00
23 T	Vinyl Acetate	1.140	1.099	3.6	49#	0.00
24 P	1,1-Dichloroethane	0.810	0.777	4.1	50	0.00
25 T	2-Butanone	0.142	0.124	12.7	43#	0.00
26 T	2,2-Dichloropropane	0.763	0.601	21.2	41#	-0.02
27 T	cis-1,2-Dichloroethene	0.600	0.571	4.8	50#	0.00
28 T	Bromochloromethane	0.373	0.399	-7.0	59	0.00
29 T	Tetrahydrofuran	0.084	0.082	2.4	52	0.00
30 C	Chloroform	0.867	0.872	-0.6#	51	0.00
31 T	Cyclohexane	0.765	0.634	17.1	47#	0.00
32 T	1,1,1-Trichloroethane	0.784	0.764	2.6	50#	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.451	-2.7	56	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	52	0.00
35 S	Dibromofluoromethane	0.319	0.340	-6.6	56	0.00
36 T	1,1-Dichloropropene	0.429	0.418	2.6	51	0.00
37 T	Ethyl Acetate	0.196	0.202	-3.1	53	0.00
38 T	Carbon Tetrachloride	0.492	0.489	0.6	50	0.00
39 T	Methylcyclohexane	0.577	0.531	8.0	46#	0.00
40 TM	Benzene	1.275	1.294	-1.5	51	0.00
41 T	Methacrylonitrile	0.093	0.085	8.6	43#	-0.01
42 TM	1,2-Dichloroethane	0.317	0.328	-3.5	52	0.00
43 T	Isopropyl Acetate	0.398	0.397	0.3	49#	0.00
44 TM	Trichloroethene	0.363	0.358	1.4	51	0.00
45 C	1,2-Dichloropropane	0.285	0.279	2.1#	49#	0.00
46 T	Dibromomethane	0.184	0.208	-13.0	55	0.00
47 T	Bromodichloromethane	0.431	0.464	-7.7	53	0.00
48 T	Methyl methacrylate	0.174	0.175	-0.6	50	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	55	0.00
50 S	Toluene-d8	1.227	1.247	-1.6	54	0.00
51 T	4-Methyl-2-Pentanone	0.206	0.214	-3.9	51	0.00
52 CM	Toluene	0.847	0.863	-1.9#	51	0.00
53 T	t-1,3-Dichloropropene	0.385	0.364	5.5	46#	0.00
54 T	cis-1,3-Dichloropropene	0.457	0.443	3.1	48#	0.00
55 T	1,1,2-Trichloroethane	0.226	0.238	-5.3	52	0.00
56 T	Ethyl methacrylate	0.306	0.307	-0.3	49#	0.00
57 T	1,3-Dichloropropane	0.373	0.391	-4.8	52	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.164	-3.8	54	0.00
59 T	2-Hexanone	0.147	0.141	4.1	45#	0.00
60 T	Dibromochloromethane	0.303	0.328	-8.3	53	0.00
61 T	1,2-Dibromoethane	0.219	0.222	-1.4	51	0.00
62 S	4-Bromofluorobenzene	0.364	0.366	-0.5	54	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
64 T	Tetrachloroethene	0.419	0.447	-6.7	57	-0.01
65 PM	Chlorobenzene	1.098	1.081	1.5	52	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.378	1.6	53	0.00
67 C	Ethyl Benzene	1.901	1.782	6.3#	50#	0.00
68 T	m/p-Xylenes	0.779	0.748	4.0	51	0.00
69 T	o-Xylene	0.719	0.685	4.7	51	0.00
70 T	Styrene	1.185	1.205	-1.7	51	0.00
71 P	Bromoform	0.200	0.204	-2.0	54	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.629	3.291	9.3	51	0.00
74 T	N-amyl acetate	0.838	0.768	8.4	50#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.586	0.535	8.7	51	0.00
76 T	1,2,3-Trichloropropane	0.372	0.369	0.8	55	0.00
77 T	Bromobenzene	0.845	0.834	1.3	56	0.00
78 T	n-propylbenzene	4.296	3.805	11.4	50#	0.00
79 T	2-Chlorotoluene	2.224	1.975	11.2	50#	0.00
80 T	1,3,5-Trimethylbenzene	2.844	2.537	10.8	50#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.181	0.150	17.1	47#	0.00
82 T	4-Chlorotoluene	2.277	2.097	7.9	51	0.00
83 T	tert-Butylbenzene	2.686	2.478	7.7	50	0.00
84 T	1,2,4-Trimethylbenzene	2.885	2.647	8.2	50	0.00
85 T	sec-Butylbenzene	3.891	3.401	12.6	49#	0.00
86 T	p-Isopropyltoluene	3.370	3.032	10.0	48#	0.00
87 T	1,3-Dichlorobenzene	1.727	1.673	3.1	53	0.00
88 T	1,4-Dichlorobenzene	1.684	1.613	4.2	53	0.00
89 T	n-Butylbenzene	2.958	2.667	9.8	49#	0.00
90 T	Hexachloroethane	0.636	0.601	5.5	52	0.00
91 T	1,2-Dichlorobenzene	1.420	1.446	-1.8	55	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.068	16.0	51	0.00
93 T	1,2,4-Trichlorobenzene	0.782	0.807	-3.2	57	0.00
94 T	Hexachlorobutadiene	0.429	0.417	2.8	53	0.00
95 T	Naphthalene	1.392	1.312	5.7	52	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.671	0.697	-3.9	57	0.00

(#) = Out of Range

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