

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019069.D
 Acq On : 14 Aug 2024 19:34
 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: Aug 14 21:50:34 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	48#	0.00
2 T	Dichlorodifluoromethane	0.344	0.289	16.0	41#	0.00
3 P	Chloromethane	0.860	0.886	-3.0	48#	0.00
4 C	Vinyl Chloride	1.152	1.196	-3.8#	47#	0.00
5 T	Bromomethane	0.919	1.016	-10.6	56	0.00
6 T	Chloroethane	0.774	0.837	-8.1	50#	0.00
7 T	Trichlorofluoromethane	1.535	1.799	-17.2	56	0.00
8 T	Diethyl Ether	0.237	0.225	5.1	44#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.447	6.9	44#	0.00
10 T	Methyl Iodide	0.518	0.513	1.0	40#	-0.01
11 T	Tert butyl alcohol	0.053	0.037	30.2#	45#	-0.01
12 CM	1,1-Dichloroethene	0.453	0.445	1.8#	45#	-0.01
13 T	Acrolein	0.048	0.031	35.4#	32#	0.00
14 T	Allyl chloride	0.606	0.568	6.3	42#	0.00
15 T	Acrylonitrile	0.093	0.099	-6.5	48#	0.00
16 T	Acetone	0.097	0.077	20.6	30#	0.00
17 T	Carbon Disulfide	1.347	1.227	8.9	41#	-0.01
18 T	Methyl Acetate	0.244	0.272	-11.5	55	0.00
19 T	Methyl tert-butyl Ether	1.114	1.103	1.0	45#	0.00
20 T	Methylene Chloride	0.611	0.548	10.3	48#	-0.01
21 T	trans-1,2-Dichloroethene	0.501	0.508	-1.4	46#	0.00
22 T	Diisopropyl ether	1.321	1.364	-3.3	47#	0.00
23 T	Vinyl Acetate	1.140	1.167	-2.4	46#	0.00
24 P	1,1-Dichloroethane	0.810	0.819	-1.1	47#	0.00
25 T	2-Butanone	0.142	0.136	4.2	41#	0.00
26 T	2,2-Dichloropropane	0.763	0.596	21.9	36#	-0.01
27 T	cis-1,2-Dichloroethene	0.600	0.617	-2.8	47#	0.00
28 T	Bromochloromethane	0.373	0.447	-19.8	58	0.00
29 T	Tetrahydrofuran	0.084	0.089	-6.0	49#	0.00
30 C	Chloroform	0.867	0.903	-4.2#	47#	-0.01
31 T	Cyclohexane	0.765	0.636	16.9	41#	-0.01
32 T	1,1,1-Trichloroethane	0.784	0.809	-3.2	46#	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.485	-10.5	53	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	47#	0.00
35 S	Dibromofluoromethane	0.319	0.354	-11.0	52	0.00
36 T	1,1-Dichloropropene	0.429	0.415	3.3	45#	0.00
37 T	Ethyl Acetate	0.196	0.216	-10.2	51	-0.01
38 T	Carbon Tetrachloride	0.492	0.485	1.4	45#	0.00
39 T	Methylcyclohexane	0.577	0.528	8.5	41#	0.00
40 TM	Benzene	1.275	1.305	-2.4	46#	-0.01
41 T	Methacrylonitrile	0.093	0.105	-12.9	48#	-0.01
42 TM	1,2-Dichloroethane	0.317	0.348	-9.8	49#	0.00
43 T	Isopropyl Acetate	0.398	0.416	-4.5	46#	0.00
44 TM	Trichloroethene	0.363	0.365	-0.6	46#	0.00
45 C	1,2-Dichloropropane	0.285	0.301	-5.6#	47#	0.00
46 T	Dibromomethane	0.184	0.211	-14.7	50	0.00
47 T	Bromodichloromethane	0.431	0.462	-7.2	48#	0.00
48 T	Methyl methacrylate	0.174	0.178	-2.3	46#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	57	0.00
50 S	Toluene-d8	1.227	1.283	-4.6	50#	0.00
51 T	4-Methyl-2-Pentanone	0.206	0.242	-17.5	52	0.00
52 CM	Toluene	0.847	0.913	-7.8#	49#	0.00
53 T	t-1,3-Dichloropropene	0.385	0.387	-0.5	44#	0.00
54 T	cis-1,3-Dichloropropene	0.457	0.461	-0.9	44#	0.00
55 T	1,1,2-Trichloroethane	0.226	0.249	-10.2	49#	0.00
56 T	Ethyl methacrylate	0.306	0.308	-0.7	45#	0.00
57 T	1,3-Dichloropropane	0.373	0.407	-9.1	48#	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.175	-10.8	52	0.00
59 T	2-Hexanone	0.147	0.156	-6.1	45#	0.00
60 T	Dibromochloromethane	0.303	0.362	-19.5	52	0.00
61 T	1,2-Dibromoethane	0.219	0.243	-11.0	51	0.00
62 S	4-Bromofluorobenzene	0.364	0.374	-2.7	50#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	49#	0.00
64 T	Tetrachloroethene	0.419	0.473	-12.9	53	0.00
65 PM	Chlorobenzene	1.098	1.135	-3.4	48#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.402	-4.7	49#	0.00
67 C	Ethyl Benzene	1.901	1.892	0.5#	46#	0.00
68 T	m/p-Xylenes	0.779	0.784	-0.6	47#	0.00
69 T	o-Xylene	0.719	0.741	-3.1	48#	0.00
70 T	Styrene	1.185	1.236	-4.3	46#	0.00
71 P	Bromoform	0.200	0.225	-12.5	52	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	52	0.00
73 T	Isopropylbenzene	3.629	3.326	8.3	46#	0.00
74 T	N-amyl acetate	0.838	0.810	3.3	47#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.586	0.581	0.9	50#	0.00
76 T	1,2,3-Trichloropropane	0.372	0.314	15.6	42#	0.00
77 T	Bromobenzene	0.845	0.821	2.8	49#	0.00
78 T	n-propylbenzene	4.296	3.852	10.3	45#	0.00
79 T	2-Chlorotoluene	2.224	2.089	6.1	47#	0.00
80 T	1,3,5-Trimethylbenzene	2.844	2.631	7.5	46#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.181	0.163	9.9	46#	0.00
82 T	4-Chlorotoluene	2.277	2.140	6.0	47#	0.00
83 T	tert-Butylbenzene	2.686	2.513	6.4	45#	0.00
84 T	1,2,4-Trimethylbenzene	2.885	2.694	6.6	46#	0.00
85 T	sec-Butylbenzene	3.891	3.561	8.5	46#	0.00
86 T	p-Isopropyltoluene	3.370	3.183	5.5	45#	0.00
87 T	1,3-Dichlorobenzene	1.727	1.735	-0.5	49#	0.00
88 T	1,4-Dichlorobenzene	1.684	1.657	1.6	49#	0.00
89 T	n-Butylbenzene	2.958	2.685	9.2	44#	0.00
90 T	Hexachloroethane	0.636	0.626	1.6	48#	0.00
91 T	1,2-Dichlorobenzene	1.420	1.440	-1.4	49#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.074	8.6	49#	0.00
93 T	1,2,4-Trichlorobenzene	0.782	0.822	-5.1	52	0.00
94 T	Hexachlorobutadiene	0.429	0.420	2.1	47#	0.00
95 T	Naphthalene	1.392	1.412	-1.4	50#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.671	0.708	-5.5	52	0.00

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