

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019860.D
 Acq On : 10 Oct 2024 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 01:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 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	86	0.00
2 T	Dichlorodifluoromethane	0.465	0.461	0.9	87	0.00
3 P	Chloromethane	0.606	0.650	-7.3	91	0.00
4 C	Vinyl Chloride	0.667	0.707	-6.0#	89	0.00
5 T	Bromomethane	0.422	0.449	-6.4	90	0.00
6 T	Chloroethane	0.448	0.465	-3.8	88	0.00
7 T	Trichlorofluoromethane	0.992	1.022	-3.0	88	0.00
8 T	Diethyl Ether	0.301	0.312	-3.7	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.600	-4.0	89	0.01
10 T	Methyl Iodide	0.584	0.617	-5.7	84	0.00
11 T	Tert butyl alcohol	0.058	0.044	24.1	76	0.01
12 CM	1,1-Dichloroethene	0.536	0.558	-4.1#	88	0.00
13 T	Acrolein	0.045	0.044	2.2	96	0.00
14 T	Allyl chloride	0.968	1.025	-5.9	88	0.00
15 T	Acrylonitrile	0.138	0.146	-5.8	88	0.00
16 T	Acetone	0.160	0.151	5.6	77	0.00
17 T	Carbon Disulfide	1.438	1.554	-8.1	87	0.00
18 T	Methyl Acetate	0.345	0.375	-8.7	92	0.01
19 T	Methyl tert-butyl Ether	1.541	1.588	-3.0	87	0.00
20 T	Methylene Chloride	0.647	0.644	0.5	90	0.00
21 T	trans-1,2-Dichloroethene	0.584	0.624	-6.8	89	0.01
22 T	Diisopropyl ether	2.108	2.257	-7.1	90	0.00
23 T	Vinyl Acetate	1.209	1.055	12.7	72	0.00
24 P	1,1-Dichloroethane	1.172	1.241	-5.9	89	0.00
25 T	2-Butanone	0.215	0.213	0.9	83	0.01
26 T	2,2-Dichloropropane	1.044	1.039	0.5	86	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.754	-4.6	88	0.00
28 T	Bromochloromethane	0.516	0.536	-3.9	87	0.00
29 T	Tetrahydrofuran	0.122	0.127	-4.1	86	0.00
30 C	Chloroform	1.195	1.268	-6.1#	89	0.00
31 T	Cyclohexane	1.029	1.042	-1.3	89	0.00
32 T	1,1,1-Trichloroethane	1.047	1.104	-5.4	89	0.00
33 S	1,2-Dichloroethane-d4	0.616	0.674	-9.4	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.330	0.369	-11.8	99	0.00
36 T	1,1-Dichloropropene	0.475	0.510	-7.4	89	0.00
37 T	Ethyl Acetate	0.248	0.260	-4.8	87	0.00
38 T	Carbon Tetrachloride	0.510	0.542	-6.3	89	0.00
39 T	Methylcyclohexane	0.599	0.625	-4.3	86	0.00
40 TM	Benzene	1.439	1.539	-6.9	89	0.00
41 T	Methacrylonitrile	0.134	0.144	-7.5	80	0.00
42 TM	1,2-Dichloroethane	0.413	0.440	-6.5	88	0.00
43 T	Isopropyl Acetate	0.505	0.518	-2.6	85	0.00
44 TM	Trichloroethene	0.348	0.369	-6.0	87	0.00
45 C	1,2-Dichloropropane	0.360	0.380	-5.6#	90	0.00
46 T	Dibromomethane	0.197	0.207	-5.1	88	0.00
47 T	Bromodichloromethane	0.522	0.554	-6.1	88	0.00
48 T	Methyl methacrylate	0.222	0.246	-10.8	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.218	1.359	-11.6	99	0.00
51 T	4-Methyl-2-Pentanone	0.258	0.270	-4.7	87	0.00
52 CM	Toluene	0.898	0.968	-7.8#	89	0.00
53 T	t-1,3-Dichloropropene	0.470	0.494	-5.1	86	0.00
54 T	cis-1,3-Dichloropropene	0.554	0.584	-5.4	87	0.00
55 T	1,1,2-Trichloroethane	0.259	0.271	-4.6	87	0.00
56 T	Ethyl methacrylate	0.372	0.406	-9.1	87	0.00
57 T	1,3-Dichloropropane	0.455	0.479	-5.3	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.179	-3.5	91	0.00
59 T	2-Hexanone	0.184	0.192	-4.3	84	0.00
60 T	Dibromochloromethane	0.333	0.349	-4.8	88	0.00
61 T	1,2-Dibromoethane	0.234	0.247	-5.6	87	0.00
62 S	4-Bromofluorobenzene	0.440	0.479	-8.9	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.356	0.364	-2.2	86	0.00
65 PM	Chlorobenzene	1.144	1.189	-3.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.402	-3.9	88	0.00
67 C	Ethyl Benzene	2.077	2.176	-4.8#	88	0.00
68 T	m/p-Xylenes	0.767	0.801	-4.4	88	0.00
69 T	o-Xylene	0.737	0.763	-3.5	86	0.00
70 T	Styrene	1.244	1.304	-4.8	87	0.00
71 P	Bromoform	0.207	0.208	-0.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	4.206	4.302	-2.3	87	0.00
74 T	N-amyl acetate	1.114	1.140	-2.3	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.747	0.780	-4.4	88	0.00
76 T	1,2,3-Trichloropropane	0.979	0.517	47.2#	45#	0.00
77 T	Bromobenzene	0.892	0.902	-1.1	85	0.00
78 T	n-propylbenzene	5.082	5.176	-1.8	85	0.00
79 T	2-Chlorotoluene	2.913	2.972	-2.0	86	0.00
80 T	1,3,5-Trimethylbenzene	3.396	3.416	-0.6	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.241	0.8	83	0.00
82 T	4-Chlorotoluene	2.979	3.017	-1.3	86	0.00
83 T	tert-Butylbenzene	3.043	3.053	-0.3	85	0.00
84 T	1,2,4-Trimethylbenzene	3.367	3.396	-0.9	84	0.00
85 T	sec-Butylbenzene	4.546	4.597	-1.1	84	0.00
86 T	p-Isopropyltoluene	3.691	3.676	0.4	83	0.00
87 T	1,3-Dichlorobenzene	1.802	1.788	0.8	85	0.00
88 T	1,4-Dichlorobenzene	1.771	1.746	1.4	83	0.00
89 T	n-Butylbenzene	3.605	3.585	0.6	81	0.00
90 T	Hexachloroethane	0.719	0.713	0.8	83	0.00
91 T	1,2-Dichlorobenzene	1.584	1.570	0.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.114	4.2	81	0.00
93 T	1,2,4-Trichlorobenzene	0.888	0.829	6.6	74	0.00
94 T	Hexachlorobutadiene	0.494	0.462	6.5	75	0.00
95 T	Naphthalene	1.675	1.657	1.1	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.751	0.700	6.8	73	0.00

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