

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014574.D
 Acq On : 05 Jul 2023 21:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 06 01:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 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	73	0.00
2 T	Dichlorodifluoromethane	0.405	0.342	15.6	70	0.00
3 P	Chloromethane	0.579	0.604	-4.3	80	0.00
4 C	Vinyl Chloride	0.667	0.723	-8.4#	82	0.00
5 T	Bromomethane	0.518	0.589	-13.7	91	-0.02
6 T	Chloroethane	0.430	0.477	-10.9	83	-0.01
7 T	Trichlorofluoromethane	0.811	0.826	-1.8	77	-0.02
8 T	Diethyl Ether	0.307	0.322	-4.9	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.465	3.9	73	-0.02
10 T	Methyl Iodide	0.552	0.499	9.6	62	-0.01
11 T	Tert butyl alcohol	0.100	0.077	23.0	66	-0.02
12 CM	1,1-Dichloroethene	0.469	0.450	4.1#	70	-0.01
13 T	Acrolein	0.063	0.048	23.8	53	0.00
14 T	Allyl chloride	0.707	0.604	14.6	62	-0.01
15 T	Acrylonitrile	0.176	0.141	19.9	56	-0.01
16 T	Acetone	0.155	0.123	20.6	57	-0.01
17 T	Carbon Disulfide	1.429	1.298	9.2	67	-0.01
18 T	Methyl Acetate	0.707	0.648	8.3	67	0.00
19 T	Methyl tert-butyl Ether	1.348	1.202	10.8	63	0.00
20 T	Methylene Chloride	0.673	0.577	14.3	73	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.471	11.3	64	-0.01
22 T	Diisopropyl ether	1.457	1.262	13.4	60	0.00
23 T	Vinyl Acetate	0.843	0.715	15.2	57	-0.01
24 P	1,1-Dichloroethane	0.914	0.797	12.8	64	0.00
25 T	2-Butanone	0.230	0.190	17.4	57	-0.01
26 T	2,2-Dichloropropane	0.779	0.594	23.7	57	0.00
27 T	cis-1,2-Dichloroethene	0.602	0.562	6.6	67	0.00
28 T	Bromochloromethane	0.384	0.345	10.2	65	0.00
29 T	Tetrahydrofuran	0.148	0.132	10.8	60	0.00
30 C	Chloroform	0.954	0.993	-4.1#	76	0.00
31 T	Cyclohexane	0.780	0.584	25.1#	57	0.00
32 T	1,1,1-Trichloroethane	0.815	0.731	10.3	66	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.438	11.9	64	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35 S	Dibromofluoromethane	0.308	0.314	-1.9	68	0.00
36 T	1,1-Dichloropropene	0.472	0.447	5.3	64	0.00
37 T	Ethyl Acetate	0.323	0.283	12.4	57	0.00
38 T	Carbon Tetrachloride	0.492	0.486	1.2	68	0.00
39 T	Methylcyclohexane	0.564	0.511	9.4	61	0.00
40 TM	Benzene	1.427	1.292	9.5	61	0.00
41 T	Methacrylonitrile	0.158	0.128	19.0	53	-0.01
42 TM	1,2-Dichloroethane	0.420	0.410	2.4	66	0.00
43 T	Isopropyl Acetate	0.548	0.514	6.2	61	0.00
44 TM	Trichloroethene	0.398	0.401	-0.8	69	0.00
45 C	1,2-Dichloropropane	0.366	0.319	12.8#	59	0.00
46 T	Dibromomethane	0.223	0.209	6.3	63	0.00
47 T	Bromodichloromethane	0.491	0.455	7.3	62	0.00
48 T	Methyl methacrylate	0.249	0.215	13.7	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	55	-0.02
50 S	Toluene-d8	1.217	1.213	0.3	67	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.303	6.5	59	0.00
52 CM	Toluene	0.898	0.857	4.6#	64	0.00
53 T	t-1,3-Dichloropropene	0.525	0.524	0.2	66	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.549	6.3	62	0.00
55 T	1,1,2-Trichloroethane	0.324	0.305	5.9	62	0.00
56 T	Ethyl methacrylate	0.441	0.424	3.9	61	0.00
57 T	1,3-Dichloropropane	0.529	0.482	8.9	61	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.230	-7.5	67	0.00
59 T	2-Hexanone	0.234	0.269	-15.0	72	0.00
60 T	Dibromochloromethane	0.380	0.414	-8.9	73	0.00
61 T	1,2-Dibromoethane	0.317	0.331	-4.4	69	0.00
62 S	4-Bromofluorobenzene	0.423	0.424	-0.2	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.447	0.456	-2.0	70	0.00
65 PM	Chlorobenzene	1.066	1.009	5.3	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.405	0.0	67	0.00
67 C	Ethyl Benzene	1.817	1.663	8.5#	61	0.00
68 T	m/p-Xylenes	0.721	0.675	6.4	62	0.00
69 T	o-Xylene	0.684	0.675	1.3	65	0.00
70 T	Styrene	1.176	1.160	1.4	64	0.00
71 P	Bromoform	0.308	0.350	-13.6	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.275	3.191	2.6	71	0.00
74 T	N-amyl acetate	0.988	0.980	0.8	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.701	16.5	61	0.00
76 T	1,2,3-Trichloropropane	0.587	0.513	12.6	65	0.00
77 T	Bromobenzene	0.894	0.827	7.5	68	0.00
78 T	n-propylbenzene	3.995	3.507	12.2	64	0.00
79 T	2-Chlorotoluene	2.299	1.981	13.8	64	0.00
80 T	1,3,5-Trimethylbenzene	2.772	2.491	10.1	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.237	21.3	58	0.00
82 T	4-Chlorotoluene	2.408	2.050	14.9	63	0.00
83 T	tert-Butylbenzene	2.436	2.208	9.4	66	0.00
84 T	1,2,4-Trimethylbenzene	2.766	2.758	0.3	72	0.00
85 T	sec-Butylbenzene	3.595	3.266	9.2	67	0.00
86 T	p-Isopropyltoluene	3.026	2.760	8.8	67	0.00
87 T	1,3-Dichlorobenzene	1.749	1.586	9.3	68	0.00
88 T	1,4-Dichlorobenzene	1.753	1.628	7.1	71	0.00
89 T	n-Butylbenzene	2.796	2.324	16.9	62	0.00
90 T	Hexachloroethane	0.599	0.527	12.0	67	0.00
91 T	1,2-Dichlorobenzene	1.584	1.434	9.5	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.126	18.2	61	0.00
93 T	1,2,4-Trichlorobenzene	1.023	0.976	4.6	70	0.00
94 T	Hexachlorobutadiene	0.629	0.612	2.7	74	0.00
95 T	Naphthalene	2.177	2.043	6.2	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.932	0.876	6.0	69	0.00

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