

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012234.D
 Acq On : 18 Jan 2023 09:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	117	0.00
2 T	Dichlorodifluoromethane	0.437	0.384	12.1	121	0.00
3 P	Chloromethane	0.403	0.379	6.0	121	0.00
4 C	Vinyl Chloride	0.471	0.446	5.3#	120	0.00
5 T	Bromomethane	0.364	0.339	6.9	119	0.00
6 T	Chloroethane	0.307	0.291	5.2	119	0.00
7 T	Trichlorofluoromethane	0.919	0.867	5.7	121	0.00
8 T	Diethyl Ether	0.273	0.264	3.3	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.448	-0.2	129	0.00
10 T	Methyl Iodide	0.680	0.610	10.3	105	0.00
11 T	Tert butyl alcohol	0.057	0.047	17.5	120	0.00
12 CM	1,1-Dichloroethene	0.459	0.453	1.3#	121	0.00
13 T	Acrolein	0.023	0.015	34.8#	111	0.00
14 T	Allyl chloride	0.568	0.577	-1.6	125	0.00
15 T	Acrylonitrile	0.119	0.122	-2.5	122	0.00
16 T	Acetone	0.139	0.161	-15.8	122	0.00
17 T	Carbon Disulfide	1.420	1.386	2.4	121	0.00
18 T	Methyl Acetate	0.312	0.318	-1.9	124	0.00
19 T	Methyl tert-butyl Ether	1.280	1.267	1.0	116	0.00
20 T	Methylene Chloride	0.762	0.509	33.2#	105	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.508	0.8	121	0.00
22 T	Diisopropyl ether	1.132	1.161	-2.6	124	0.00
23 T	Vinyl Acetate	0.705	0.730	-3.5	122	0.00
24 P	1,1-Dichloroethane	0.785	0.787	-0.3	122	0.00
25 T	2-Butanone	0.154	0.174	-13.0	130	0.00
26 T	2,2-Dichloropropane	0.852	0.819	3.9	118	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.557	1.1	119	0.00
28 T	Bromochloromethane	0.171	0.163	4.7	120	0.00
29 T	Tetrahydrofuran	0.084	0.090	-7.1	123	0.00
30 C	Chloroform	0.927	0.907	2.2#	118	0.00
31 T	Cyclohexane	0.729	0.704	3.4	130	0.00
32 T	1,1,1-Trichloroethane	0.918	0.880	4.1	117	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.387	16.8	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.265	0.248	6.4	119	0.00
36 T	1,1-Dichloropropene	0.450	0.448	0.4	121	0.00
37 T	Ethyl Acetate	0.198	0.206	-4.0	121	0.00
38 T	Carbon Tetrachloride	0.581	0.564	2.9	118	0.00
39 T	Methylcyclohexane	0.550	0.568	-3.3	127	0.00
40 TM	Benzene	1.299	1.302	-0.2	121	0.00
41 T	Methacrylonitrile	0.117	0.127	-8.5	121	-0.02
42 TM	1,2-Dichloroethane	0.413	0.402	2.7	114	0.00
43 T	Isopropyl Acetate	0.369	0.384	-4.1	120	0.00
44 TM	Trichloroethene	0.388	0.387	0.3	120	0.00
45 C	1,2-Dichloropropane	0.271	0.284	-4.8#	126	0.00
46 T	Dibromomethane	0.181	0.184	-1.7	119	0.00
47 T	Bromodichloromethane	0.457	0.456	0.2	118	0.00
48 T	Methyl methacrylate	0.170	0.177	-4.1	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	114	0.00
50 S	Toluene-d8	1.044	0.892	14.6	116	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.209	-6.1	121	0.00
52 CM	Toluene	0.865	0.867	-0.2#	119	0.00
53 T	t-1,3-Dichloropropene	0.478	0.478	0.0	116	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.522	-1.6	118	0.00
55 T	1,1,2-Trichloroethane	0.258	0.258	0.0	117	0.00
56 T	Ethyl methacrylate	0.338	0.357	-5.6	119	0.00
57 T	1,3-Dichloropropane	0.421	0.433	-2.9	120	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.110	1.8	117	0.00
59 T	2-Hexanone	0.150	0.169	-12.7	124	0.00
60 T	Dibromochloromethane	0.342	0.345	-0.9	116	0.00
61 T	1,2-Dibromoethane	0.249	0.250	-0.4	117	0.00
62 S	4-Bromofluorobenzene	0.373	0.339	9.1	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
64 T	Tetrachloroethene	0.456	0.482	-5.7	123	0.00
65 PM	Chlorobenzene	1.023	1.020	0.3	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.388	-0.5	116	0.00
67 C	Ethyl Benzene	1.828	1.837	-0.5#	118	0.00
68 T	m/p-Xylenes	0.723	0.726	-0.4	118	0.00
69 T	o-Xylene	0.690	0.692	-0.3	117	0.00
70 T	Styrene	1.154	1.162	-0.7	117	0.00
71 P	Bromoform	0.247	0.248	-0.4	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.605	3.683	-2.2	118	0.00
74 T	N-amyl acetate	0.707	0.735	-4.0	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.590	-3.9	118	0.00
76 T	1,2,3-Trichloropropane	0.460	0.430	6.5	96	0.00
77 T	Bromobenzene	0.868	0.871	-0.3	115	0.00
78 T	n-propylbenzene	4.219	4.244	-0.6	119	0.00
79 T	2-Chlorotoluene	2.385	2.403	-0.8	118	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.174	-1.3	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.231	-3.6	115	0.00
82 T	4-Chlorotoluene	2.506	2.485	0.8	117	0.00
83 T	tert-Butylbenzene	2.732	2.761	-1.1	121	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.120	-0.9	116	0.00
85 T	sec-Butylbenzene	3.889	3.912	-0.6	119	0.00
86 T	p-Isopropyltoluene	3.398	3.402	-0.1	118	0.00
87 T	1,3-Dichlorobenzene	1.725	1.699	1.5	115	0.00
88 T	1,4-Dichlorobenzene	1.721	1.667	3.1	114	0.00
89 T	n-Butylbenzene	2.945	2.984	-1.3	120	0.00
90 T	Hexachloroethane	0.613	0.618	-0.8	120	0.00
91 T	1,2-Dichlorobenzene	1.540	1.499	2.7	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.118	-0.9	114	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.957	3.0	116	0.00
94 T	Hexachlorobutadiene	0.594	0.576	3.0	119	0.00
95 T	Naphthalene	1.947	1.954	-0.4	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.834	1.8	118	0.00

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