

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015403.D
 Acq On : 31 Aug 2023 15:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 01 00:47:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	90	0.00
2 T	Dichlorodifluoromethane	0.435	0.424	2.5	83	0.00
3 P	Chloromethane	0.577	0.576	0.2	84	0.00
4 C	Vinyl Chloride	0.672	0.651	3.1#	82	0.00
5 T	Bromomethane	0.478	0.509	-6.5	92	0.00
6 T	Chloroethane	0.442	0.437	1.1	85	0.00
7 T	Trichlorofluoromethane	0.950	0.923	2.8	84	0.00
8 T	Diethyl Ether	0.325	0.332	-2.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.514	2.5	84	0.00
10 T	Methyl Iodide	0.619	0.563	9.0	73	0.00
11 T	Tert butyl alcohol	0.124	0.163	-31.5#	123	0.00
12 CM	1,1-Dichloroethene	0.497	0.479	3.6#	83	0.00
13 T	Acrolein	0.126	0.196	-55.6#	101	0.00
14 T	Allyl chloride	0.791	0.807	-2.0	86	0.00
15 T	Acrylonitrile	0.204	0.231	-13.2	91	-0.01
16 T	Acetone	0.224	0.281	-25.4#	91	0.00
17 T	Carbon Disulfide	1.486	1.452	2.3	83	0.00
18 T	Methyl Acetate	0.810	0.884	-9.1	88	0.00
19 T	Methyl tert-butyl Ether	1.615	1.646	-1.9	84	0.00
20 T	Methylene Chloride	0.892	0.732	17.9	90	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.560	2.1	83	0.00
22 T	Diisopropyl ether	1.731	1.733	-0.1	85	0.00
23 T	Vinyl Acetate	1.093	1.177	-7.7	88	0.00
24 P	1,1-Dichloroethane	1.001	0.975	2.6	85	0.00
25 T	2-Butanone	0.317	0.386	-21.8	93	0.00
26 T	2,2-Dichloropropane	0.850	0.921	-8.4	94	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.643	0.9	84	0.00
28 T	Bromochloromethane	0.307	0.336	-9.4	98	0.00
29 T	Tetrahydrofuran	0.199	0.231	-16.1	92	0.00
30 C	Chloroform	1.052	1.346	-27.9#	111	0.00
31 T	Cyclohexane	0.952	0.892	6.3	84	0.00
32 T	1,1,1-Trichloroethane	0.939	0.917	2.3	84	0.00
33 S	1,2-Dichloroethane-d4	0.536	0.531	0.9	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.288	0.289	-0.3	87	0.00
36 T	1,1-Dichloropropene	0.506	0.499	1.4	85	0.00
37 T	Ethyl Acetate	0.390	0.448	-14.9	92	0.00
38 T	Carbon Tetrachloride	0.522	0.518	0.8	85	0.00
39 T	Methylcyclohexane	0.637	0.627	1.6	84	0.00
40 TM	Benzene	1.411	1.399	0.9	84	0.00
41 T	Methacrylonitrile	0.183	0.227	-24.0	98	0.00
42 TM	1,2-Dichloroethane	0.470	0.464	1.3	82	0.00
43 T	Isopropyl Acetate	0.674	0.737	-9.3	87	0.00
44 TM	Trichloroethene	0.399	0.399	0.0	86	0.00
45 C	1,2-Dichloropropane	0.356	0.359	-0.8#	85	0.00
46 T	Dibromomethane	0.236	0.242	-2.5	86	0.00
47 T	Bromodichloromethane	0.505	0.610	-20.8	101	0.00
48 T	Methyl methacrylate	0.309	0.340	-10.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	94	0.00
50 S	Toluene-d8	1.043	1.025	1.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.452	-15.3	90	0.00
52 CM	Toluene	0.904	0.907	-0.3#	84	0.00
53 T	t-1,3-Dichloropropene	0.537	0.563	-4.8	85	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.603	-3.3	85	0.00
55 T	1,1,2-Trichloroethane	0.318	0.334	-5.0	87	0.00
56 T	Ethyl methacrylate	0.472	0.505	-7.0	85	0.00
57 T	1,3-Dichloropropane	0.548	0.572	-4.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.179	-6.5	91	0.00
59 T	2-Hexanone	0.294	0.350	-19.0	91	0.00
60 T	Dibromochloromethane	0.373	0.437	-17.2	97	0.00
61 T	1,2-Dibromoethane	0.323	0.342	-5.9	87	0.00
62 S	4-Bromofluorobenzene	0.387	0.389	-0.5	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.454	0.449	1.1	86	0.00
65 PM	Chlorobenzene	1.077	1.040	3.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.390	1.0	87	0.00
67 C	Ethyl Benzene	1.935	1.872	3.3#	86	0.00
68 T	m/p-Xylenes	0.750	0.735	2.0	86	0.00
69 T	o-Xylene	0.717	0.695	3.1	85	0.00
70 T	Styrene	1.205	1.213	-0.7	86	0.00
71 P	Bromoform	0.275	0.294	-6.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.756	3.533	5.9	86	0.00
74 T	N-amyl acetate	1.262	1.328	-5.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	0.894	0.3	87	0.00
76 T	1,2,3-Trichloropropane	0.663	0.687	-3.6	89	0.00
77 T	Bromobenzene	0.890	0.840	5.6	86	0.00
78 T	n-propylbenzene	4.544	4.335	4.6	85	0.00
79 T	2-Chlorotoluene	2.549	2.392	6.2	85	0.00
80 T	1,3,5-Trimethylbenzene	3.141	2.965	5.6	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.321	-6.6	92	0.00
82 T	4-Chlorotoluene	2.649	2.495	5.8	85	0.00
83 T	tert-Butylbenzene	2.751	2.576	6.4	84	0.00
84 T	1,2,4-Trimethylbenzene	3.119	2.993	4.0	86	0.00
85 T	sec-Butylbenzene	4.104	3.918	4.5	86	0.00
86 T	p-Isopropyltoluene	3.440	3.287	4.4	85	0.00
87 T	1,3-Dichlorobenzene	1.756	1.663	5.3	85	0.00
88 T	1,4-Dichlorobenzene	1.775	1.665	6.2	85	0.00
89 T	n-Butylbenzene	3.237	3.143	2.9	87	0.00
90 T	Hexachloroethane	0.615	0.600	2.4	88	0.00
91 T	1,2-Dichlorobenzene	1.603	1.525	4.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.189	-6.8	90	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.989	1.7	86	0.00
94 T	Hexachlorobutadiene	0.549	0.523	4.7	88	0.00
95 T	Naphthalene	2.493	2.611	-4.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.907	1.2	88	0.00

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