

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010233.D
 Acq On : 31 Aug 2022 09:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 31 14:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 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	99	0.00
2 T	Dichlorodifluoromethane	0.365	0.349	4.4	102	0.00
3 P	Chloromethane	0.371	0.347	6.5	97	0.00
4 C	Vinyl Chloride	0.417	0.406	2.6#	96	0.00
5 T	Bromomethane	0.338	0.299	11.5	96	0.00
6 T	Chloroethane	0.283	0.279	1.4	98	0.00
7 T	Trichlorofluoromethane	0.782	0.770	1.5	97	0.00
8 T	Diethyl Ether	0.255	0.240	5.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.436	1.8	98	0.00
10 T	Methyl Iodide	0.578	0.605	-4.7	96	0.00
11 T	Tert butyl alcohol	0.042	0.039	7.1	99	0.00
12 CM	1,1-Dichloroethene	0.447	0.413	7.6#	94	0.00
13 T	Acrolein	0.055	0.055	0.0	94	0.00
14 T	Allyl chloride	0.610	0.574	5.9	96	0.00
15 T	Acrylonitrile	0.116	0.110	5.2	95	0.00
16 T	Acetone	0.089	0.091	-2.2	105	0.00
17 T	Carbon Disulfide	1.344	1.200	10.7	92	0.00
18 T	Methyl Acetate	0.291	0.261	10.3	91	0.00
19 T	Methyl tert-butyl Ether	1.159	1.131	2.4	96	0.00
20 T	Methylene Chloride	0.521	0.499	4.2	101	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.467	4.9	95	0.00
22 T	Diisopropyl ether	1.227	1.167	4.9	94	0.00
23 T	Vinyl Acetate	0.786	0.755	3.9	93	0.00
24 P	1,1-Dichloroethane	0.769	0.732	4.8	96	0.00
25 T	2-Butanone	0.152	0.134	11.8	96	0.00
26 T	2,2-Dichloropropane	0.719	0.722	-0.4	103	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.525	5.9	96	0.00
28 T	Bromochloromethane	0.260	0.260	0.0	96	0.00
29 T	Tetrahydrofuran	0.101	0.088	12.9	90	0.00
30 C	Chloroform	0.871	0.814	6.5#	96	0.00
31 T	Cyclohexane	0.752	0.645	14.2	92	0.00
32 T	1,1,1-Trichloroethane	0.798	0.785	1.6	98	0.00
33 S	1,2-Dichloroethane-d4	0.381	0.408	-7.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.263	0.281	-6.8	90	0.00
36 T	1,1-Dichloropropene	0.436	0.429	1.6	95	0.00
37 T	Ethyl Acetate	0.230	0.214	7.0	93	0.00
38 T	Carbon Tetrachloride	0.500	0.518	-3.6	98	0.00
39 T	Methylcyclohexane	0.559	0.533	4.7	94	0.00
40 TM	Benzene	1.288	1.246	3.3	95	0.00
41 T	Methacrylonitrile	0.130	0.113	13.1	87	0.01
42 TM	1,2-Dichloroethane	0.381	0.377	1.0	95	0.00
43 T	Isopropyl Acetate	0.440	0.395	10.2	92	0.00
44 TM	Trichloroethene	0.397	0.387	2.5	95	0.00
45 C	1,2-Dichloropropane	0.311	0.281	9.6#	95	0.00
46 T	Dibromomethane	0.192	0.182	5.2	94	0.00
47 T	Bromodichloromethane	0.445	0.438	1.6	96	0.00
48 T	Methyl methacrylate	0.196	0.182	7.1	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	101	0.00
50 S	Toluene-d8	0.925	1.077	-16.4	91	0.00
51 T	4-Methyl-2-Pentanone	0.235	0.210	10.6	91	0.00
52 CM	Toluene	0.840	0.820	2.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.487	0.454	6.8	96	0.00
54 T	cis-1,3-Dichloropropene	0.523	0.505	3.4	96	0.00
55 T	1,1,2-Trichloroethane	0.293	0.308	-5.1	111	0.00
56 T	Ethyl methacrylate	0.380	0.345	9.2	94	0.00
57 T	1,3-Dichloropropane	0.482	0.527	-9.3	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.117	0.083	29.1#	94	0.00
59 T	2-Hexanone	0.179	0.196	-9.5	120	0.00
60 T	Dibromochloromethane	0.367	0.429	-16.9	118	0.00
61 T	1,2-Dibromoethane	0.289	0.319	-10.4	116	0.00
62 S	4-Bromofluorobenzene	0.398	0.441	-10.8	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
64 T	Tetrachloroethene	0.432	0.419	3.0	107	0.00
65 PM	Chlorobenzene	1.030	1.030	0.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.394	-1.3	111	0.00
67 C	Ethyl Benzene	1.758	1.807	-2.8#	116	0.00
68 T	m/p-Xylenes	0.701	0.721	-2.9	116	0.00
69 T	o-Xylene	0.653	0.679	-4.0	114	0.00
70 T	Styrene	1.094	1.141	-4.3	113	0.00
71 P	Bromoform	0.257	0.270	-5.1	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.380	3.527	-4.3	115	0.00
74 T	N-amyl acetate	0.880	0.995	-13.1	139	0.00
75 P	1,1,2,2-Tetrachloroethane	0.685	0.673	1.8	119	0.00
76 T	1,2,3-Trichloropropane	0.492	0.511	-3.9	124	0.00
77 T	Bromobenzene	0.864	0.874	-1.2	109	0.00
78 T	n-propylbenzene	4.010	4.217	-5.2	118	0.00
79 T	2-Chlorotoluene	2.313	2.402	-3.8	115	0.00
80 T	1,3,5-Trimethylbenzene	2.872	2.912	-1.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.236	0.244	-3.4	122	0.00
82 T	4-Chlorotoluene	2.427	2.450	-0.9	114	0.00
83 T	tert-Butylbenzene	2.540	2.588	-1.9	111	0.00
84 T	1,2,4-Trimethylbenzene	2.820	2.907	-3.1	114	0.00
85 T	sec-Butylbenzene	3.736	3.926	-5.1	118	0.00
86 T	p-Isopropyltoluene	3.096	3.236	-4.5	113	0.00
87 T	1,3-Dichlorobenzene	1.707	1.713	-0.4	113	0.00
88 T	1,4-Dichlorobenzene	1.720	1.703	1.0	111	0.00
89 T	n-Butylbenzene	2.866	2.954	-3.1	111	0.00
90 T	Hexachloroethane	0.624	0.607	2.7	98	0.00
91 T	1,2-Dichlorobenzene	1.544	1.539	0.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.119	0.110	7.6	93	0.00
93 T	1,2,4-Trichlorobenzene	1.013	0.995	1.8	99	0.00
94 T	Hexachlorobutadiene	0.600	0.586	2.3	102	0.00
95 T	Naphthalene	1.997	1.956	2.1	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.867	3.6	97	0.00

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