

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012166.D
 Acq On : 11 Jan 2023 16:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 05:50:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 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	116	0.00
2 T	Dichlorodifluoromethane	0.448	0.315	29.7#	93	0.00
3 P	Chloromethane	0.411	0.325	20.9	107	0.00
4 C	Vinyl Chloride	0.486	0.397	18.3#	107	0.00
5 T	Bromomethane	0.372	0.294	21.0	109	0.00
6 T	Chloroethane	0.322	0.282	12.4	114	0.00
7 T	Trichlorofluoromethane	0.968	0.826	14.7	107	0.00
8 T	Diethyl Ether	0.296	0.292	1.4	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.466	6.4	114	0.00
10 T	Methyl Iodide	0.676	0.618	8.6	111	0.00
11 T	Tert butyl alcohol	0.083	0.049	41.0#	93	0.03
12 CM	1,1-Dichloroethene	0.489	0.451	7.8#	116	0.00
13 T	Acrolein	0.036	0.023	36.1#	104	0.00
14 T	Allyl chloride	0.659	0.662	-0.5	124	0.00
15 T	Acrylonitrile	0.139	0.146	-5.0	128	0.00
16 T	Acetone	0.132	0.114	13.6	107	0.01
17 T	Carbon Disulfide	1.378	1.091	20.8	112	0.00
18 T	Methyl Acetate	0.380	0.385	-1.3	131	0.00
19 T	Methyl tert-butyl Ether	1.438	1.496	-4.0	123	0.00
20 T	Methylene Chloride	0.688	0.650	5.5	134	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.518	4.3	119	0.00
22 T	Diisopropyl ether	1.355	1.487	-9.7	130	0.00
23 T	Vinyl Acetate	0.820	0.900	-9.8	129	0.00
24 P	1,1-Dichloroethane	0.901	0.931	-3.3	125	0.00
25 T	2-Butanone	0.174	0.175	-0.6	126	0.00
26 T	2,2-Dichloropropane	0.972	0.926	4.7	116	0.00
27 T	cis-1,2-Dichloroethene	0.618	0.641	-3.7	124	0.00
28 T	Bromochloromethane	0.228	0.225	1.3	123	0.00
29 T	Tetrahydrofuran	0.102	0.112	-9.8	133	0.00
30 C	Chloroform	1.028	1.052	-2.3#	122	0.00
31 T	Cyclohexane	0.808	0.719	11.0	118	0.00
32 T	1,1,1-Trichloroethane	0.998	0.976	2.2	116	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.514	8.5	115	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	123	0.00
35 S	Dibromofluoromethane	0.329	0.313	4.9	120	0.00
36 T	1,1-Dichloropropene	0.499	0.459	8.0	120	0.00
37 T	Ethyl Acetate	0.267	0.255	4.5	132	0.00
38 T	Carbon Tetrachloride	0.633	0.566	10.6	112	0.00
39 T	Methylcyclohexane	0.596	0.561	5.9	121	0.00
40 TM	Benzene	1.453	1.392	4.2	123	0.00
41 T	Methacrylonitrile	0.145	0.148	-2.1	120	-0.01
42 TM	1,2-Dichloroethane	0.460	0.432	6.1	117	0.00
43 T	Isopropyl Acetate	0.447	0.473	-5.8	132	0.00
44 TM	Trichloroethene	0.424	0.417	1.7	126	0.00
45 C	1,2-Dichloropropane	0.324	0.348	-7.4#	135	0.00
46 T	Dibromomethane	0.204	0.209	-2.5	128	0.00
47 T	Bromodichloromethane	0.518	0.535	-3.3	128	0.00
48 T	Methyl methacrylate	0.200	0.217	-8.5	134	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	131	0.01
50 S	Toluene-d8	1.297	1.181	8.9	120	0.00
51 T	4-Methyl-2-Pentanone	0.238	0.264	-10.9	137	0.00
52 CM	Toluene	0.962	0.945	1.8#	126	0.00
53 T	t-1,3-Dichloropropene	0.539	0.559	-3.7	129	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.611	-4.8	130	0.00
55 T	1,1,2-Trichloroethane	0.294	0.315	-7.1	130	0.00
56 T	Ethyl methacrylate	0.386	0.431	-11.7	135	0.00
57 T	1,3-Dichloropropane	0.486	0.525	-8.0	134	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.153	-8.5	138	0.00
59 T	2-Hexanone	0.167	0.186	-11.4	134	0.00
60 T	Dibromochloromethane	0.388	0.404	-4.1	128	0.00
61 T	1,2-Dibromoethane	0.282	0.300	-6.4	136	0.00
62 S	4-Bromofluorobenzene	0.453	0.458	-1.1	130	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	126	0.00
64 T	Tetrachloroethene	0.490	0.472	3.7	127	0.00
65 PM	Chlorobenzene	1.142	1.132	0.9	129	0.00
66 T	1,1,1,2-Tetrachloroethane	0.441	0.449	-1.8	130	0.00
67 C	Ethyl Benzene	2.041	2.013	1.4#	127	0.00
68 T	m/p-Xylenes	0.801	0.783	2.2	127	0.00
69 T	o-Xylene	0.762	0.761	0.1	128	0.00
70 T	Styrene	1.295	1.307	-0.9	128	0.00
71 P	Bromoform	0.280	0.294	-5.0	133	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
73 T	Isopropylbenzene	3.956	3.938	0.5	127	0.00
74 T	N-amyl acetate	0.817	0.968	-18.5	148	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.710	-6.6	138	0.00
76 T	1,2,3-Trichloropropane	0.571	0.594	-4.0	144	0.00
77 T	Bromobenzene	0.944	0.945	-0.1	131	0.00
78 T	n-propylbenzene	4.619	4.522	2.1	126	0.00
79 T	2-Chlorotoluene	2.642	2.592	1.9	128	0.00
80 T	1,3,5-Trimethylbenzene	3.393	3.288	3.1	125	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.267	-3.9	133	0.00
82 T	4-Chlorotoluene	2.763	2.722	1.5	128	0.00
83 T	tert-Butylbenzene	2.973	2.932	1.4	125	0.00
84 T	1,2,4-Trimethylbenzene	3.359	3.298	1.8	126	0.00
85 T	sec-Butylbenzene	4.273	4.199	1.7	125	0.00
86 T	p-Isopropyltoluene	3.702	3.599	2.8	124	0.00
87 T	1,3-Dichlorobenzene	1.892	1.820	3.8	125	0.00
88 T	1,4-Dichlorobenzene	1.890	1.824	3.5	127	0.00
89 T	n-Butylbenzene	3.208	3.269	-1.9	129	0.00
90 T	Hexachloroethane	0.687	0.677	1.5	127	0.00
91 T	1,2-Dichlorobenzene	1.685	1.680	0.3	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.138	-4.5	138	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.126	-7.1	140	0.00
94 T	Hexachlorobutadiene	0.634	0.638	-0.6	130	0.00
95 T	Naphthalene	2.079	2.453	-18.0	152#	0.00

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96 T	1,2,3-Trichlorobenzene	0.913	1.003	-9.9	144	0.00

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