

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004150.D
 Acq On : 19 Mar 2021 21:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 20 03:18:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 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	61	0.00
2 T	Dichlorodifluoromethane	0.402	0.302	24.9	55	0.00
3 P	Chloromethane	0.541	0.455	15.9	57	0.00
4 C	Vinyl Chloride	0.604	0.530	12.3#	58	0.00
5 T	Bromomethane	0.386	0.376	2.6	66	0.00
6 T	Chloroethane	0.368	0.354	3.8	62	0.00
7 T	Trichlorofluoromethane	0.803	0.787	2.0	63	0.00
8 T	Diethyl Ether	0.257	0.271	-5.4	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.449	0.449	0.0	64	0.00
10 T	Methyl Iodide	0.459	0.492	-7.2	64	0.00
11 T	Tert butyl alcohol	0.045	0.040	11.1	52	0.00
12 CM	1,1-Dichloroethene	0.440	0.430	2.3#	63	0.00
13 T	Acrolein	0.044	0.038	13.6	45#	0.00
14 T	Allyl chloride	0.727	0.684	5.9	58	0.00
15 T	Acrylonitrile	0.128	0.127	0.8	59	0.00
16 T	Acetone	0.119	0.095	20.2	44#	0.00
17 T	Carbon Disulfide	1.293	1.155	10.7	58	0.00
18 T	Methyl Acetate	0.294	0.301	-2.4	60	0.00
19 T	Methyl tert-butyl Ether	1.252	1.328	-6.1	63	0.00
20 T	Methylene Chloride	0.575	0.559	2.8	70	0.00
21 T	trans-1,2-Dichloroethene	0.494	0.513	-3.8	65	0.00
22 T	Diisopropyl ether	1.535	1.539	-0.3	62	0.00
23 T	Vinyl Acetate	1.010	0.971	3.9	57	0.00
24 P	1,1-Dichloroethane	0.852	0.889	-4.3	65	0.00
25 T	2-Butanone	0.172	0.156	9.3	52	0.00
26 T	2,2-Dichloropropane	0.814	0.772	5.2	59	0.00
27 T	cis-1,2-Dichloroethene	0.562	0.604	-7.5	67	0.00
28 T	Bromochloromethane	0.372	0.366	1.6	61	0.00
29 T	Tetrahydrofuran	0.112	0.103	8.0	54	0.00
30 C	Chloroform	0.883	0.973	-10.2#	68	0.00
31 T	Cyclohexane	0.866	0.737	14.9	57	0.00
32 T	1,1,1-Trichloroethane	0.819	0.867	-5.9	65	0.00
33 S	1,2-Dichloroethane-d4	0.493	0.518	-5.1	62	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.282	0.305	-8.2	65	0.00
36 T	1,1-Dichloropropene	0.439	0.431	1.8	63	0.00
37 T	Ethyl Acetate	0.237	0.220	7.2	55	0.00
38 T	Carbon Tetrachloride	0.466	0.473	-1.5	65	0.00
39 T	Methylcyclohexane	0.567	0.523	7.8	60	0.00
40 TM	Benzene	1.237	1.276	-3.2	66	0.00
41 T	Methacrylonitrile	0.147	0.129	12.2	55	0.00
42 TM	1,2-Dichloroethane	0.378	0.396	-4.8	65	0.00
43 T	Isopropyl Acetate	0.475	0.439	7.6	55	0.00
44 TM	Trichloroethene	0.358	0.395	-10.3	70	0.00
45 C	1,2-Dichloropropane	0.309	0.317	-2.6#	64	0.00
46 T	Dibromomethane	0.177	0.189	-6.8	66	0.00
47 T	Bromodichloromethane	0.441	0.478	-8.4	67	0.00
48 T	Methyl methacrylate	0.226	0.208	8.0	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	61	0.00
50 S	Toluene-d8	1.105	1.145	-3.6	64	0.00
51 T	4-Methyl-2-Pentanone	0.240	0.226	5.8	54	0.00
52 CM	Toluene	0.801	0.848	-5.9#	67	0.00
53 T	t-1,3-Dichloropropene	0.465	0.467	-0.4	61	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.527	-1.2	62	0.00
55 T	1,1,2-Trichloroethane	0.248	0.268	-8.1	66	0.00
56 T	Ethyl methacrylate	0.347	0.344	0.9	59	0.00
57 T	1,3-Dichloropropane	0.425	0.449	-5.6	64	0.00
58 T	2-Chloroethyl Vinyl ether	0.154	0.128	16.9	59	0.00
59 T	2-Hexanone	0.169	0.156	7.7	53	0.00
60 T	Dibromochloromethane	0.312	0.346	-10.9	67	0.00
61 T	1,2-Dibromoethane	0.242	0.259	-7.0	66	0.00
62 S	4-Bromofluorobenzene	0.408	0.414	-1.5	61	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.419	0.475	-13.4	75	0.00
65 PM	Chlorobenzene	0.958	1.032	-7.7	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.391	-9.2	70	0.00
67 C	Ethyl Benzene	1.759	1.790	-1.8#	66	0.00
68 T	m/p-Xylenes	0.671	0.693	-3.3	67	0.00
69 T	o-Xylene	0.634	0.662	-4.4	67	0.00
70 T	Styrene	1.086	1.137	-4.7	67	0.00
71 P	Bromoform	0.214	0.229	-7.0	65	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.475	3.588	-3.3	66	0.00
74 T	N-amyl acetate	0.995	0.881	11.5	53	0.00
75 P	1,1,2,2-Tetrachloroethane	0.604	0.572	5.3	57	0.00
76 T	1,2,3-Trichloropropane	0.479	0.463	3.3	60	0.00
77 T	Bromobenzene	0.803	0.881	-9.7	69	0.00
78 T	n-propylbenzene	4.094	4.142	-1.2	65	0.00
79 T	2-Chlorotoluene	2.298	2.349	-2.2	66	0.00
80 T	1,3,5-Trimethylbenzene	2.947	3.026	-2.7	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.224	7.8	56	0.00
82 T	4-Chlorotoluene	2.433	2.460	-1.1	65	0.00
83 T	tert-Butylbenzene	2.536	2.646	-4.3	67	0.00
84 T	1,2,4-Trimethylbenzene	2.952	3.071	-4.0	66	0.00
85 T	sec-Butylbenzene	3.497	3.595	-2.8	65	0.00
86 T	p-Isopropyltoluene	3.242	3.332	-2.8	65	0.00
87 T	1,3-Dichlorobenzene	1.550	1.657	-6.9	68	0.00
88 T	1,4-Dichlorobenzene	1.547	1.652	-6.8	68	0.00
89 T	n-Butylbenzene	3.085	3.015	2.3	62	0.00
90 T	Hexachloroethane	0.583	0.607	-4.1	65	0.00
91 T	1,2-Dichlorobenzene	1.375	1.491	-8.4	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.109	4.4	58	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.004	-7.7	67	0.00
94 T	Hexachlorobutadiene	0.523	0.537	-2.7	64	0.00
95 T	Naphthalene	1.847	1.990	-7.7	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.784	0.865	-10.3	68	0.00

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