

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015059.D
 Acq On : 11 Aug 2023 16:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 15 13:39:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 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	91	0.00
2 T	Dichlorodifluoromethane	0.305	0.212	30.5#	74	0.00
3 P	Chloromethane	0.393	0.260	33.8#	67	0.00
4 C	Vinyl Chloride	0.485	0.336	30.7#	69	0.00
5 T	Bromomethane	0.368	0.253	31.3#	72	0.00
6 T	Chloroethane	0.335	0.255	23.9	74	0.00
7 T	Trichlorofluoromethane	0.766	0.593	22.6	75	0.00
8 T	Diethyl Ether	0.283	0.232	18.0	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.454	0.367	19.2	77	0.00
10 T	Methyl Iodide	0.469	0.350	25.4#	66	0.00
11 T	Tert butyl alcohol	0.146	0.101	30.8#	96	0.00
12 CM	1,1-Dichloroethene	0.395	0.295	25.3#	71	0.00
13 T	Acrolein	0.050	0.011	78.0#	23#	0.00
14 T	Allyl chloride	0.658	0.528	19.8	75	0.00
15 T	Acrylonitrile	0.173	0.159	8.1	87	0.00
16 T	Acetone	0.189	0.214	-13.2	105	0.00
17 T	Carbon Disulfide	0.874	0.437	50.0#	50#	0.00
18 T	Methyl Acetate	0.688	0.593	13.8	82	0.00
19 T	Methyl tert-butyl Ether	1.495	1.347	9.9	85	0.00
20 T	Methylene Chloride	1.162	0.461	60.3#	60	-0.01
21 T	trans-1,2-Dichloroethene	0.450	0.334	25.8#	71	0.00
22 T	Diisopropyl ether	1.533	1.390	9.3	84	0.00
23 T	Vinyl Acetate	0.922	0.831	9.9	83	0.00
24 P	1,1-Dichloroethane	0.870	0.735	15.5	79	0.00
25 T	2-Butanone	0.271	0.278	-2.6	98	0.00
26 T	2,2-Dichloropropane	0.880	0.753	14.4	83	0.00
27 T	cis-1,2-Dichloroethene	0.570	0.484	15.1	80	0.00
28 T	Bromochloromethane	0.392	0.417	-6.4	99	0.00
29 T	Tetrahydrofuran	0.159	0.147	7.5	89	0.00
30 C	Chloroform	0.945	0.852	9.8#	83	0.00
31 T	Cyclohexane	0.706	0.458	35.1#	67	0.00
32 T	1,1,1-Trichloroethane	0.832	0.737	11.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.606	0.383	36.8#	59	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.320	0.239	25.3#	67	0.00
36 T	1,1-Dichloropropene	0.397	0.314	20.9	74	0.00
37 T	Ethyl Acetate	0.315	0.296	6.0	89	0.00
38 T	Carbon Tetrachloride	0.446	0.387	13.2	79	0.00
39 T	Methylcyclohexane	0.472	0.344	27.1#	69	0.00
40 TM	Benzene	1.169	0.969	17.1	78	0.00
41 T	Methacrylonitrile	0.153	0.421	-175.2#	251#	0.03
42 TM	1,2-Dichloroethane	0.407	0.359	11.8	82	0.00
43 T	Isopropyl Acetate	0.585	0.549	6.2	87	0.00
44 TM	Trichloroethene	0.335	0.280	16.4	78	0.00
45 C	1,2-Dichloropropane	0.311	0.276	11.3#	82	0.00
46 T	Dibromomethane	0.200	0.177	11.5	82	0.00
47 T	Bromodichloromethane	0.461	0.433	6.1	85	0.00
48 T	Methyl methacrylate	0.257	0.236	8.2	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.003	25.0	86	0.00
50 S	Toluene-d8	1.217	0.723	40.6#	55	0.00
51 T	4-Methyl-2-Pentanone	0.330	0.348	-5.5	97	0.00
52 CM	Toluene	0.752	0.641	14.8#	79	0.00
53 T	t-1,3-Dichloropropene	0.480	0.444	7.5	83	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.463	10.8	80	0.00
55 T	1,1,2-Trichloroethane	0.291	0.271	6.9	87	0.00
56 T	Ethyl methacrylate	0.416	0.394	5.3	85	0.00
57 T	1,3-Dichloropropane	0.481	0.441	8.3	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.197	0.130	34.0#	60	0.00
59 T	2-Hexanone	0.244	0.251	-2.9	95	0.00
60 T	Dibromochloromethane	0.346	0.334	3.5	87	0.00
61 T	1,2-Dibromoethane	0.278	0.254	8.6	85	0.00
62 S	4-Bromofluorobenzene	0.431	0.319	26.0#	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.376	0.343	8.8	82	0.00
65 PM	Chlorobenzene	0.949	0.858	9.6	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.361	3.0	88	0.00
67 C	Ethyl Benzene	1.665	1.477	11.3#	82	0.00
68 T	m/p-Xylenes	0.637	0.560	12.1	81	0.00
69 T	o-Xylene	0.623	0.561	10.0	83	0.00
70 T	Styrene	1.065	0.988	7.2	85	0.00
71 P	Bromoform	0.256	0.254	0.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.361	2.976	11.5	85	0.00
74 T	N-amyl acetate	1.148	1.078	6.1	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.821	0.768	6.5	90	0.00
76 T	1,2,3-Trichloropropane	0.599	1.005	-67.8#	164#	0.00
77 T	Bromobenzene	0.815	0.724	11.2	86	0.00
78 T	n-propylbenzene	4.020	3.523	12.4	84	0.00
79 T	2-Chlorotoluene	2.291	2.053	10.4	86	0.00
80 T	1,3,5-Trimethylbenzene	2.770	2.505	9.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.255	6.3	88	0.00
82 T	4-Chlorotoluene	2.368	2.118	10.6	86	0.00
83 T	tert-Butylbenzene	2.534	2.343	7.5	89	0.00
84 T	1,2,4-Trimethylbenzene	2.775	2.520	9.2	86	0.00
85 T	sec-Butylbenzene	3.719	3.400	8.6	87	0.00
86 T	p-Isopropyltoluene	3.078	2.864	7.0	88	0.00
87 T	1,3-Dichlorobenzene	1.596	1.473	7.7	89	0.00
88 T	1,4-Dichlorobenzene	1.591	1.474	7.4	89	0.00
89 T	n-Butylbenzene	2.892	2.703	6.5	88	0.00
90 T	Hexachloroethane	0.598	0.561	6.2	89	0.00
91 T	1,2-Dichlorobenzene	1.473	1.385	6.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.160	0.156	2.5	94	0.00
93 T	1,2,4-Trichlorobenzene	0.942	0.917	2.7	91	0.00
94 T	Hexachlorobutadiene	0.511	0.498	2.5	91	0.00
95 T	Naphthalene	2.218	2.234	-0.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.831	2.6	91	0.00

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