

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016752.D
 Acq On : 21 Dec 2023 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 14:21:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	93	0.01
2 T	Dichlorodifluoromethane	0.427	0.334	21.8	88	0.00
3 P	Chloromethane	0.657	0.537	18.3	91	0.01
4 C	Vinyl Chloride	0.742	0.629	15.2#	90	0.00
5 T	Bromomethane	0.528	0.441	16.5	94	0.01
6 T	Chloroethane	0.503	0.423	15.9	91	0.00
7 T	Trichlorofluoromethane	0.864	0.730	15.5	90	0.01
8 T	Diethyl Ether	0.276	0.246	10.9	92	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.447	15.7	89	0.01
10 T	Methyl Iodide	0.552	0.469	15.0	85	0.01
11 T	Tert butyl alcohol	0.037	0.032	13.5	92	0.02
12 CM	1,1-Dichloroethene	0.472	0.422	10.6#	93	0.01
13 T	Acrolein	0.029	0.027	6.9	83	0.01
14 T	Allyl chloride	0.723	0.665	8.0	94	0.01
15 T	Acrylonitrile	0.117	0.110	6.0	91	0.02
16 T	Acetone	0.123	0.115	6.5	108	0.01
17 T	Carbon Disulfide	1.284	1.165	9.3	91	0.02
18 T	Methyl Acetate	0.482	0.478	0.8	88	0.01
19 T	Methyl tert-butyl Ether	1.215	1.086	10.6	91	0.02
20 T	Methylene Chloride	0.723	0.516	28.6#	91	0.02
21 T	trans-1,2-Dichloroethene	0.538	0.492	8.6	93	0.02
22 T	Diisopropyl ether	1.636	1.524	6.8	94	0.02
23 T	Vinyl Acetate	0.774	0.696	10.1	91	0.02
24 P	1,1-Dichloroethane	0.983	0.880	10.5	92	0.02
25 T	2-Butanone	0.170	0.158	7.1	101	0.02
26 T	2,2-Dichloropropane	0.857	0.750	12.5	93	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.559	9.8	92	0.01
28 T	Bromochloromethane	0.389	0.387	0.5	84	0.01
29 T	Tetrahydrofuran	0.093	0.090	3.2	92	0.01
30 C	Chloroform	1.006	0.896	10.9#	93	0.01
31 T	Cyclohexane	0.875	0.750	14.3	92	0.01
32 T	1,1,1-Trichloroethane	0.883	0.767	13.1	91	0.01
33 S	1,2-Dichloroethane-d4	0.456	0.426	6.6	76	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.286	0.256	10.5	75	0.02
36 T	1,1-Dichloropropene	0.459	0.395	13.9	91	0.01
37 T	Ethyl Acetate	0.197	0.177	10.2	90	0.01
38 T	Carbon Tetrachloride	0.454	0.386	15.0	91	0.01
39 T	Methylcyclohexane	0.530	0.473	10.8	92	0.01
40 TM	Benzene	1.336	1.177	11.9	93	0.01
41 T	Methacrylonitrile	0.104	0.088	15.4	77	0.01
42 TM	1,2-Dichloroethane	0.349	0.312	10.6	92	0.00
43 T	Isopropyl Acetate	0.382	0.341	10.7	92	0.01
44 TM	Trichloroethene	0.341	0.294	13.8	92	0.01
45 C	1,2-Dichloropropane	0.335	0.291	13.1#	92	0.00
46 T	Dibromomethane	0.173	0.153	11.6	93	0.01
47 T	Bromodichloromethane	0.456	0.398	12.7	93	0.00
48 T	Methyl methacrylate	0.212	0.190	10.4	89	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50 S	Toluene-d8	1.032	0.926	10.3	74	0.00
51 T	4-Methyl-2-Pentanone	0.204	0.184	9.8	90	0.00
52 CM	Toluene	0.801	0.717	10.5#	93	0.01
53 T	t-1,3-Dichloropropene	0.416	0.373	10.3	92	0.01
54 T	cis-1,3-Dichloropropene	0.502	0.448	10.8	92	0.00
55 T	1,1,2-Trichloroethane	0.247	0.217	12.1	92	0.00
56 T	Ethyl methacrylate	0.217	0.200	7.8	91	0.00
57 T	1,3-Dichloropropane	0.420	0.375	10.7	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.117	0.145	-23.9	88	0.01
59 T	2-Hexanone	0.152	0.135	11.2	94	0.00
60 T	Dibromochloromethane	0.286	0.250	12.6	92	0.00
61 T	1,2-Dibromoethane	0.222	0.195	12.2	91	0.00
62 S	4-Bromofluorobenzene	0.335	0.302	9.9	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.311	0.262	15.8	92	0.01
65 PM	Chlorobenzene	0.982	0.848	13.6	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.316	14.6	92	0.00
67 C	Ethyl Benzene	1.808	1.591	12.0#	94	0.01
68 T	m/p-Xylenes	0.668	0.582	12.9	92	0.01
69 T	o-Xylene	0.613	0.541	11.7	92	0.00
70 T	Styrene	0.906	0.805	11.1	91	0.01
71 P	Bromoform	0.184	0.158	14.1	90	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.894	3.405	12.6	92	0.00
74 T	N-amyl acetate	0.817	0.698	14.6	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.778	0.664	14.7	91	0.00
76 T	1,2,3-Trichloropropane	0.553	0.427	22.8	93	0.00
77 T	Bromobenzene	0.850	0.714	16.0	90	0.00
78 T	n-propylbenzene	4.718	4.125	12.6	92	0.00
79 T	2-Chlorotoluene	2.611	2.248	13.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.082	2.712	12.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.194	17.4	88	0.00
82 T	4-Chlorotoluene	2.678	2.277	15.0	90	0.00
83 T	tert-Butylbenzene	2.681	2.391	10.8	92	0.00
84 T	1,2,4-Trimethylbenzene	3.040	2.665	12.3	91	0.00
85 T	sec-Butylbenzene	3.971	3.441	13.3	91	0.00
86 T	p-Isopropyltoluene	3.307	2.841	14.1	90	0.00
87 T	1,3-Dichlorobenzene	1.660	1.381	16.8	91	0.00
88 T	1,4-Dichlorobenzene	1.621	1.346	17.0	89	0.00
89 T	n-Butylbenzene	3.162	2.726	13.8	89	0.00
90 T	Hexachloroethane	0.689	0.564	18.1	90	0.00
91 T	1,2-Dichlorobenzene	1.414	1.188	16.0	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.080	20.8	85	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.607	19.1	84	0.00
94 T	Hexachlorobutadiene	0.426	0.345	19.0	85	0.00
95 T	Naphthalene	1.420	1.124	20.8	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.495	22.5	78	0.00

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