

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016621.D
 Acq On : 06 Dec 2023 17:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 07 08:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 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	87	-0.01
2 T	Dichlorodifluoromethane	0.442	0.412	6.8	89	0.00
3 P	Chloromethane	0.458	0.356	22.3	72	0.00
4 C	Vinyl Chloride	0.463	0.372	19.7#	73	0.00
5 T	Bromomethane	0.290	0.256	11.7	81	0.00
6 T	Chloroethane	0.286	0.243	15.0	76	0.00
7 T	Trichlorofluoromethane	0.875	0.889	-1.6	91	0.00
8 T	Diethyl Ether	0.244	0.209	14.3	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.468	4.3	84	0.00
10 T	Methyl Iodide	0.517	0.535	-3.5	89	0.00
11 T	Tert butyl alcohol	0.031	0.025	19.4	71	-0.01
12 CM	1,1-Dichloroethene	0.444	0.435	2.0#	86	0.00
13 T	Acrolein	0.046	0.038	17.4	68	0.00
14 T	Allyl chloride	0.678	0.551	18.7	71	0.00
15 T	Acrylonitrile	0.098	0.078	20.4	67	0.00
16 T	Acetone	0.105	0.073	30.5#	68	0.00
17 T	Carbon Disulfide	1.246	1.140	8.5	80	0.00
18 T	Methyl Acetate	0.415	0.326	21.4	63	-0.01
19 T	Methyl tert-butyl Ether	1.092	1.030	5.7	80	-0.01
20 T	Methylene Chloride	0.519	0.463	10.8	85	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.486	2.8	86	0.00
22 T	Diisopropyl ether	1.395	1.178	15.6	72	-0.01
23 T	Vinyl Acetate	0.670	0.534	20.3	68	0.00
24 P	1,1-Dichloroethane	0.857	0.779	9.1	81	0.00
25 T	2-Butanone	0.144	0.094	34.7#	60	-0.01
26 T	2,2-Dichloropropane	0.806	0.818	-1.5	91	0.00
27 T	cis-1,2-Dichloroethene	0.550	0.534	2.9	85	0.00
28 T	Bromochloromethane	0.347	0.238	31.4#	56	0.00
29 T	Tetrahydrofuran	0.082	0.060	26.8#	60	0.00
30 C	Chloroform	0.913	0.906	0.8#	88	0.00
31 T	Cyclohexane	0.789	0.648	17.9	77	0.00
32 T	1,1,1-Trichloroethane	0.864	0.914	-5.8	95	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.381	17.5	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.301	0.266	11.6	67	0.00
36 T	1,1-Dichloropropene	0.457	0.462	-1.1	83	-0.01
37 T	Ethyl Acetate	0.191	0.149	22.0	61	-0.01
38 T	Carbon Tetrachloride	0.530	0.611	-15.3	96	-0.01
39 T	Methylcyclohexane	0.551	0.575	-4.4	84	0.00
40 TM	Benzene	1.289	1.298	-0.7	83	0.00
41 T	Methacrylonitrile	0.111	0.080	27.9#	57	0.00
42 TM	1,2-Dichloroethane	0.374	0.394	-5.3	86	-0.01
43 T	Isopropyl Acetate	0.369	0.313	15.2	66	0.00
44 TM	Trichloroethene	0.389	0.422	-8.5	92	0.00
45 C	1,2-Dichloropropane	0.310	0.285	8.1#	76	0.00
46 T	Dibromomethane	0.170	0.166	2.4	78	0.00
47 T	Bromodichloromethane	0.453	0.470	-3.8	85	0.00
48 T	Methyl methacrylate	0.213	0.177	16.9	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50 S	Toluene-d8	1.138	1.037	8.9	69	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.156	18.8	62	0.00
52 CM	Toluene	0.808	0.872	-7.9#	88	0.00
53 T	t-1,3-Dichloropropene	0.428	0.442	-3.3	83	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.514	-2.4	82	0.00
55 T	1,1,2-Trichloroethane	0.237	0.236	0.4	80	0.00
56 T	Ethyl methacrylate	0.217	0.208	4.1	72	0.00
57 T	1,3-Dichloropropane	0.400	0.388	3.0	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.112	16.4	62	0.00
59 T	2-Hexanone	0.145	0.110	24.1	61	0.00
60 T	Dibromochloromethane	0.317	0.334	-5.4	86	0.00
61 T	1,2-Dibromoethane	0.223	0.221	0.9	78	0.00
62 S	4-Bromofluorobenzene	0.374	0.345	7.8	69	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.458	0.511	-11.6	93	0.00
65 PM	Chlorobenzene	1.013	1.091	-7.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.429	-8.3	90	0.00
67 C	Ethyl Benzene	1.816	1.938	-6.7#	89	0.00
68 T	m/p-Xylenes	0.689	0.758	-10.0	91	0.00
69 T	o-Xylene	0.644	0.707	-9.8	92	0.00
70 T	Styrene	0.923	1.027	-11.3	91	0.00
71 P	Bromoform	0.214	0.228	-6.5	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.702	4.040	-9.1	92	0.00
74 T	N-amyl acetate	0.738	0.595	19.4	66	0.00
75 P	1,1,2,2-Tetrachloroethane	0.589	0.500	15.1	71	0.00
76 T	1,2,3-Trichloropropane	0.452	0.744	-64.6#	142	0.00
77 T	Bromobenzene	0.873	0.963	-10.3	94	0.00
78 T	n-propylbenzene	4.309	4.548	-5.5	90	0.00
79 T	2-Chlorotoluene	2.428	2.531	-4.2	89	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.305	-9.9	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.177	11.5	74	0.00
82 T	4-Chlorotoluene	2.513	2.600	-3.5	89	0.00
83 T	tert-Butylbenzene	2.688	3.053	-13.6	95	0.00
84 T	1,2,4-Trimethylbenzene	2.938	3.249	-10.6	93	0.00
85 T	sec-Butylbenzene	3.775	4.080	-8.1	92	0.00
86 T	p-Isopropyltoluene	3.277	3.720	-13.5	94	0.00
87 T	1,3-Dichlorobenzene	1.666	1.822	-9.4	94	0.00
88 T	1,4-Dichlorobenzene	1.635	1.758	-7.5	91	0.00
89 T	n-Butylbenzene	2.947	3.204	-8.7	91	0.00
90 T	Hexachloroethane	0.645	0.693	-7.4	92	0.00
91 T	1,2-Dichlorobenzene	1.430	1.543	-7.9	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.087	7.4	75	0.00
93 T	1,2,4-Trichlorobenzene	0.807	0.955	-18.3	97	0.00
94 T	Hexachlorobutadiene	0.510	0.620	-21.6	102	0.00
95 T	Naphthalene	1.362	1.484	-9.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.651	0.771	-18.4	95	0.00

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