

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007505.D
 Acq On : 15 Feb 2022 16:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 16 01:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 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	14#	0.00
2 T	Dichlorodifluoromethane	0.553	0.426	23.0	11#	0.00
3 P	Chloromethane	0.554	0.431	22.2	12#	0.00
4 C	Vinyl Chloride	0.557	0.412	26.0#	12#	0.00
5 T	Bromomethane	0.382	0.309	19.1	14#	0.01
6 T	Chloroethane	0.329	0.265	19.5	14#	0.00
7 T	Trichlorofluoromethane	1.058	0.845	20.1	11#	0.00
8 T	Diethyl Ether	0.306	0.338	-10.5	16#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.582	0.454	22.0	11#	0.00
10 T	Methyl Iodide	0.718	0.910	-26.7#	18#	0.00
11 T	Tert butyl alcohol	0.043	0.056	-30.2#	20#	0.00
12 CM	1,1-Dichloroethene	0.543	0.431	20.6#	11#	0.00
13 T	Acrolein	0.043	0.041	4.7	17#	0.00
14 T	Allyl chloride	0.763	0.660	13.5	12#	0.00
15 T	Acrylonitrile	0.135	0.163	-20.7	18#	0.00
16 T	Acetone	0.146	0.138	5.5	13#	0.00
17 T	Carbon Disulfide	1.564	1.158	26.0#	11#	0.00
18 T	Methyl Acetate	0.313	0.356	-13.7	19#	0.00
19 T	Methyl tert-butyl Ether	1.506	1.865	-23.8	18#	0.00
20 T	Methylene Chloride	0.600	0.623	-3.8	16#	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.506	14.7	12#	0.00
22 T	Diisopropyl ether	1.604	1.737	-8.3	16#	0.00
23 T	Vinyl Acetate	1.023	1.227	-19.9	17#	0.00
24 P	1,1-Dichloroethane	1.003	0.982	2.1	14#	0.00
25 T	2-Butanone	0.181	0.197	-8.8	15#	0.00
26 T	2,2-Dichloropropane	1.005	0.949	5.6	13#	0.00
27 T	cis-1,2-Dichloroethene	0.661	0.710	-7.4	15#	0.00
28 T	Bromochloromethane	0.384	0.450	-17.2	17#	0.00
29 T	Tetrahydrofuran	0.106	0.129	-21.7	19#	0.00
30 C	Chloroform	1.082	1.180	-9.1#	16#	0.00
31 T	Cyclohexane	0.976	0.718	26.4#	11#	0.00
32 T	1,1,1-Trichloroethane	1.031	1.016	1.5	14#	0.00
33 S	1,2-Dichloroethane-d4	0.552	0.748	-35.5#	20#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	15#	0.00
35 S	Dibromofluoromethane	0.315	0.375	-19.0	17#	0.00
36 T	1,1-Dichloropropene	0.511	0.432	15.5	12#	0.00
37 T	Ethyl Acetate	0.231	0.278	-20.3	18#	0.00
38 T	Carbon Tetrachloride	0.580	0.529	8.8	13#	0.00
39 T	Methylcyclohexane	0.663	0.514	22.5	11#	0.00
40 TM	Benzene	1.405	1.345	4.3	14#	0.00
41 T	Methacrylonitrile	0.150	0.161	-7.3	17#	0.00
42 TM	1,2-Dichloroethane	0.429	0.543	-26.6#	19#	0.00
43 T	Isopropyl Acetate	0.469	0.558	-19.0	18#	0.00
44 TM	Trichloroethene	0.398	0.377	5.3	13#	0.00
45 C	1,2-Dichloropropane	0.334	0.348	-4.2#	15#	0.00
46 T	Dibromomethane	0.207	0.261	-26.1#	19#	0.00
47 T	Bromodichloromethane	0.504	0.595	-18.1	17#	0.00
48 T	Methyl methacrylate	0.208	0.236	-13.5	17#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	22#	0.00
50 S	Toluene-d8	1.198	1.332	-11.2	16#	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.276	-18.5	18#	0.00
52 CM	Toluene	0.901	1.303	-44.6#	21#	0.00
53 T	t-1,3-Dichloropropene	0.526	0.614	-16.7	17#	0.00
54 T	cis-1,3-Dichloropropene	0.587	0.661	-12.6	16#	0.00
55 T	1,1,2-Trichloroethane	0.275	0.347	-26.2#	19#	0.00
56 T	Ethyl methacrylate	0.370	0.451	-21.9	18#	0.00
57 T	1,3-Dichloropropane	0.474	0.579	-22.2	18#	0.00
58 T	2-Chloroethyl Vinyl ether	0.193	0.226	-17.1	17#	0.00
59 T	2-Hexanone	0.168	0.191	-13.7	16#	0.00
60 T	Dibromochloromethane	0.347	0.448	-29.1#	19#	0.00
61 T	1,2-Dibromoethane	0.274	0.332	-21.2	18#	0.00
62 S	4-Bromofluorobenzene	0.406	0.497	-22.4	18#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	16#	0.00
64 T	Tetrachloroethene	0.394	0.378	4.1	15#	0.00
65 PM	Chlorobenzene	1.095	1.107	-1.1	16#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.414	0.446	-7.7	17#	0.00
67 C	Ethyl Benzene	2.050	2.764	-34.8#	21#	0.00
68 T	m/p-Xylenes	0.776	1.300	-67.5#	26#	0.00
69 T	o-Xylene	0.734	1.402	-91.0#	30#	0.00
70 T	Styrene	1.207	1.285	-6.5	17#	0.00
71 P	Bromoform	0.228	0.270	-18.4	19#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	17#	0.00
73 T	Isopropylbenzene	4.430	4.123	6.9	15#	0.00
74 T	N-amyl acetate	1.003	1.031	-2.8	17#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.759	0.776	-2.2	17#	0.00
76 T	1,2,3-Trichloropropane	0.578	0.570	1.4	18#	0.00
77 T	Bromobenzene	0.951	0.950	0.1	17#	0.00
78 T	n-propylbenzene	5.330	5.801	-8.8	18#	0.00
79 T	2-Chlorotoluene	2.939	3.726	-26.8#	21#	0.00
80 T	1,3,5-Trimethylbenzene	3.669	5.590	-52.4#	25#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.278	0.277	0.4	16#	0.00
82 T	4-Chlorotoluene	3.012	2.867	4.8	16#	0.00
83 T	tert-Butylbenzene	3.207	2.816	12.2	15#	0.00
84 T	1,2,4-Trimethylbenzene	3.558	12.985	-265.0#	60	0.00
85 T	sec-Butylbenzene	4.727	4.125	12.7	14#	0.00
86 T	p-Isopropyltoluene	3.894	3.513	9.8	15#	0.00
87 T	1,3-Dichlorobenzene	1.852	1.814	2.1	16#	0.00
88 T	1,4-Dichlorobenzene	1.838	1.794	2.4	16#	0.00
89 T	n-Butylbenzene	3.703	4.028	-8.8	18#	0.00
90 T	Hexachloroethane	0.744	0.848	-14.0	19#	0.01
91 T	1,2-Dichlorobenzene	1.631	1.595	2.2	17#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.159	-23.3	22#	0.00
93 T	1,2,4-Trichlorobenzene	0.976	0.910	6.8	15#	0.01
94 T	Hexachlorobutadiene	0.566	0.465	17.8	13#	0.00
95 T	Naphthalene	2.127	7.134	-235.4#	58	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.844	0.736	12.8	15#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6