

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110222\  
 Data File : VY011274.D  
 Acq On : 02 Nov 2022 19:36  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 03 05:20:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 01 11:56:18 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	97	0.00
2 T	Dichlorodifluoromethane	0.456	0.371	18.6	95	0.00
3 P	Chloromethane	0.554	0.498	10.1	94	0.00
4 C	Vinyl Chloride	0.619	0.564	8.9#	94	0.00
5 T	Bromomethane	0.413	0.401	2.9	100	0.00
6 T	Chloroethane	0.398	0.381	4.3	97	0.00
7 T	Trichlorofluoromethane	0.915	0.885	3.3	97	0.00
8 T	Diethyl Ether	0.328	0.337	-2.7	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.550	0.551	-0.2	98	0.00
10 T	Methyl Iodide	0.708	0.698	1.4	92	0.00
11 T	Tert butyl alcohol	0.081	0.060	25.9#	102	-0.01
12 CM	1,1-Dichloroethene	0.544	0.535	1.7#	97	0.00
13 T	Acrolein	0.033	0.022	33.3#	80	0.00
14 T	Allyl chloride	0.824	0.815	1.1	94	0.00
15 T	Acrylonitrile	0.165	0.173	-4.8	100	0.00
16 T	Acetone	0.161	0.122	24.2	61	0.00
17 T	Carbon Disulfide	1.786	1.701	4.8	94	0.00
18 T	Methyl Acetate	0.427	0.411	3.7	98	0.00
19 T	Methyl tert-butyl Ether	1.445	1.536	-6.3	99	0.00
20 T	Methylene Chloride	0.807	0.813	-0.7	118	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.632	-2.1	98	0.00
22 T	Diisopropyl ether	1.708	1.806	-5.7	99	0.00
23 T	Vinyl Acetate	1.043	1.123	-7.7	97	0.00
24 P	1,1-Dichloroethane	1.070	1.099	-2.7	99	0.00
25 T	2-Butanone	0.227	0.208	8.4	82	0.00
26 T	2,2-Dichloropropane	0.978	0.917	6.2	94	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.723	-6.0	102	0.00
28 T	Bromochloromethane	0.411	0.430	-4.6	96	0.00
29 T	Tetrahydrofuran	0.132	0.139	-5.3	97	0.00
30 C	Chloroform	1.080	1.138	-5.4#	102	0.00
31 T	Cyclohexane	0.991	0.950	4.1	94	0.00
32 T	1,1,1-Trichloroethane	0.958	0.978	-2.1	99	0.00
33 S	1,2-Dichloroethane-d4	0.535	0.532	0.6	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.321	0.341	-6.2	103	0.00
36 T	1,1-Dichloropropene	0.525	0.539	-2.7	98	0.00
37 T	Ethyl Acetate	0.283	0.289	-2.1	98	0.00
38 T	Carbon Tetrachloride	0.544	0.561	-3.1	99	0.00
39 T	Methylcyclohexane	0.638	0.663	-3.9	96	0.00
40 TM	Benzene	1.542	1.603	-4.0	100	0.00
41 T	Methacrylonitrile	0.154	0.138	10.4	81	0.00
42 TM	1,2-Dichloroethane	0.419	0.439	-4.8	100	0.00
43 T	Isopropyl Acetate	0.498	0.514	-3.2	96	0.00
44 TM	Trichloroethene	0.413	0.431	-4.4	100	0.00
45 C	1,2-Dichloropropane	0.381	0.402	-5.5#	100	0.00
46 T	Dibromomethane	0.215	0.229	-6.5	101	0.00
47 T	Bromodichloromethane	0.511	0.547	-7.0	102	0.00
48 T	Methyl methacrylate	0.229	0.244	-6.6	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	98	0.00
50 S	Toluene-d8	1.247	1.274	-2.2	100	0.00
51 T	4-Methyl-2-Pentanone	0.271	0.289	-6.6	97	0.00
52 CM	Toluene	0.956	1.021	-6.8#	100	0.00
53 T	t-1,3-Dichloropropene	0.538	0.570	-5.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.615	0.651	-5.9	99	0.00
55 T	1,1,2-Trichloroethane	0.309	0.333	-7.8	102	0.00
56 T	Ethyl methacrylate	0.408	0.452	-10.8	99	0.00
57 T	1,3-Dichloropropane	0.528	0.562	-6.4	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.191	0.200	-4.7	97	0.00
59 T	2-Hexanone	0.193	0.199	-3.1	87	0.00
60 T	Dibromochloromethane	0.367	0.400	-9.0	103	0.00
61 T	1,2-Dibromoethane	0.293	0.318	-8.5	102	0.00
62 S	4-Bromofluorobenzene	0.433	0.460	-6.2	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.425	0.461	-8.5	101	0.00
65 PM	Chlorobenzene	1.103	1.168	-5.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.406	0.441	-8.6	103	0.00
67 C	Ethyl Benzene	1.957	2.102	-7.4#	100	0.00
68 T	m/p-Xylenes	0.760	0.821	-8.0	101	0.00
69 T	o-Xylene	0.712	0.784	-10.1	102	0.00
70 T	Styrene	1.207	1.344	-11.4	101	0.00
71 P	Bromoform	0.252	0.274	-8.7	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.738	4.054	-8.5	100	0.00
74 T	N-acyl acetate	0.938	0.973	-3.7	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.774	0.815	-5.3	102	0.00
76 T	1,2,3-Trichloropropane	0.609	0.588	3.4	101	0.00
77 T	Bromobenzene	0.879	0.948	-7.8	103	0.00
78 T	n-propylbenzene	4.574	4.910	-7.3	99	0.00
79 T	2-Chlorotoluene	2.621	2.778	-6.0	100	0.00
80 T	1,3,5-Trimethylbenzene	3.163	3.438	-8.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.284	0.291	-2.5	95	0.00
82 T	4-Chlorotoluene	2.701	2.867	-6.1	100	0.00
83 T	tert-Butylbenzene	2.726	2.970	-9.0	101	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.422	-9.4	100	0.00
85 T	sec-Butylbenzene	4.041	4.370	-8.1	99	0.00
86 T	p-Isopropyltoluene	3.368	3.674	-9.1	100	0.00
87 T	1,3-Dichlorobenzene	1.763	1.876	-6.4	101	0.00
88 T	1,4-Dichlorobenzene	1.768	1.851	-4.7	99	0.00
89 T	n-Butylbenzene	3.145	3.355	-6.7	97	0.00
90 T	Hexachloroethane	0.674	0.704	-4.5	99	0.00
91 T	1,2-Dichlorobenzene	1.575	1.681	-6.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.131	1.5	94	0.00
93 T	1,2,4-Trichlorobenzene	0.952	1.012	-6.3	96	0.00
94 T	Hexachlorobutadiene	0.554	0.581	-4.9	97	0.00
95 T	Naphthalene	1.965	2.138	-8.8	94	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.837	0.889	-6.2	96	0.00

(#) = Out of Range

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