

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082223\  
 Data File : VY015261.D  
 Acq On : 22 Aug 2023 21:54  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleID :  
 VSTDCCC050

Quant Time: Aug 23 02:48:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 14 12:43:26 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	65	0.00
2 T	Dichlorodifluoromethane	0.253	0.193	23.7	58	0.00
3 P	Chloromethane	0.347	0.305	12.1	65	0.00
4 C	Vinyl Chloride	0.398	0.368	7.5#	63	0.00
5 T	Bromomethane	0.291	0.325	-11.7	72	0.00
6 T	Chloroethane	0.289	0.293	-1.4	66	0.00
7 T	Trichlorofluoromethane	0.670	0.644	3.9	65	0.00
8 T	Diethyl Ether	0.263	0.268	-1.9	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.404	3.1	66	0.01
10 T	Methyl Iodide	0.409	0.352	13.9	53	0.00
11 T	Tert butyl alcohol	0.116	0.094	19.0	62	0.01
12 CM	1,1-Dichloroethene	0.348	0.327	6.0#	62	0.01
13 T	Acrolein	0.056	0.029	48.2#	53	0.00
14 T	Allyl chloride	0.617	0.604	2.1	64	0.00
15 T	Acrylonitrile	0.178	0.199	-11.8	73	0.00
16 T	Acetone	0.196	0.174	11.2	56	0.00
17 T	Carbon Disulfide	0.612	0.541	11.6	56	0.00
18 T	Methyl Acetate	0.719	0.818	-13.8	74	0.01
19 T	Methyl tert-butyl Ether	1.479	1.551	-4.9	68	0.01
20 T	Methylene Chloride	0.570	0.562	1.4	76	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.389	0.8	65	0.00
22 T	Diisopropyl ether	1.539	1.635	-6.2	70	0.00
23 T	Vinyl Acetate	0.918	0.945	-2.9	66	0.01
24 P	1,1-Dichloroethane	0.833	0.877	-5.3	69	0.00
25 T	2-Butanone	0.278	0.291	-4.7	68	0.00
26 T	2,2-Dichloropropane	0.803	0.705	12.2	60	0.01
27 T	cis-1,2-Dichloroethene	0.536	0.558	-4.1	69	0.00
28 T	Bromochloromethane	0.383	0.418	-9.1	73	0.00
29 T	Tetrahydrofuran	0.166	0.181	-9.0	71	0.00
30 C	Chloroform	0.934	0.981	-5.0#	70	0.00
31 T	Cyclohexane	0.597	0.540	9.5	64	0.01
32 T	1,1,1-Trichloroethane	0.795	0.810	-1.9	68	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.661	-10.2	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35 S	Dibromofluoromethane	0.322	0.350	-8.7	70	0.00
36 T	1,1-Dichloropropene	0.356	0.354	0.6	66	0.01
37 T	Ethyl Acetate	0.332	0.348	-4.8	71	0.00
38 T	Carbon Tetrachloride	0.421	0.415	1.4	66	0.00
39 T	Methylcyclohexane	0.399	0.377	5.5	63	0.00
40 TM	Benzene	1.076	1.109	-3.1	69	0.00
41 T	Methacrylonitrile	0.171	0.173	-1.2	63	0.00
42 TM	1,2-Dichloroethane	0.391	0.411	-5.1	69	0.00
43 T	Isopropyl Acetate	0.604	0.630	-4.3	69	0.00
44 TM	Trichloroethene	0.310	0.318	-2.6	69	0.00
45 C	1,2-Dichloropropane	0.303	0.324	-6.9#	71	0.00
46 T	Dibromomethane	0.191	0.205	-7.3	70	0.00
47 T	Bromodichloromethane	0.457	0.487	-6.6	70	0.00
48 T	Methyl methacrylate	0.258	0.279	-8.1	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	69	0.00
50 S	Toluene-d8	1.197	1.250	-4.4	67	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.390	-11.4	73	0.00
52 CM	Toluene	0.709	0.722	-1.8#	68	0.00
53 T	t-1,3-Dichloropropene	0.480	0.472	1.7	65	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.513	-1.6	67	0.00
55 T	1,1,2-Trichloroethane	0.291	0.314	-7.9	72	0.00
56 T	Ethyl methacrylate	0.426	0.440	-3.3	67	0.00
57 T	1,3-Dichloropropane	0.475	0.505	-6.3	70	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.209	-5.6	71	0.00
59 T	2-Hexanone	0.259	0.281	-8.5	70	0.00
60 T	Dibromochloromethane	0.347	0.366	-5.5	69	0.00
61 T	1,2-Dibromoethane	0.276	0.288	-4.3	69	0.00
62 S	4-Bromofluorobenzene	0.437	0.454	-3.9	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64 T	Tetrachloroethene	0.348	0.381	-9.5	74	0.00
65 PM	Chlorobenzene	0.911	0.919	-0.9	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.383	-3.5	70	0.00
67 C	Ethyl Benzene	1.596	1.580	1.0#	68	0.00
68 T	m/p-Xylenes	0.606	0.601	0.8	67	0.00
69 T	o-Xylene	0.604	0.604	0.0	68	0.00
70 T	Styrene	1.045	1.074	-2.8	69	0.00
71 P	Bromoform	0.268	0.271	-1.1	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73 T	Isopropylbenzene	3.215	3.156	1.8	68	0.00
74 T	N-amyl acetate	1.161	1.154	0.6	67	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.866	-3.5	70	0.00
76 T	1,2,3-Trichloropropane	0.607	0.689	-13.5	80	0.00
77 T	Bromobenzene	0.784	0.777	0.9	69	0.00
78 T	n-propylbenzene	3.818	3.763	1.4	69	0.00
79 T	2-Chlorotoluene	2.203	2.180	1.0	69	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.658	0.8	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.260	6.1	62	0.00
82 T	4-Chlorotoluene	2.275	2.282	-0.3	69	0.00
83 T	tert-Butylbenzene	2.451	2.410	1.7	68	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.661	0.6	68	0.00
85 T	sec-Butylbenzene	3.592	3.569	0.6	69	0.00
86 T	p-Isopropyltoluene	2.978	2.957	0.7	68	0.00
87 T	1,3-Dichlorobenzene	1.554	1.560	-0.4	69	0.00
88 T	1,4-Dichlorobenzene	1.559	1.567	-0.5	69	0.00
89 T	n-Butylbenzene	2.808	2.754	1.9	67	0.00
90 T	Hexachloroethane	0.591	0.579	2.0	69	0.00
91 T	1,2-Dichlorobenzene	1.452	1.488	-2.5	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.169	-4.3	71	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.925	0.8	68	0.00
94 T	Hexachlorobutadiene	0.507	0.493	2.8	69	0.00
95 T	Naphthalene	2.322	2.368	-2.0	71	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.842	0.851	-1.1	70	0.00

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