

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016054.D
 Acq On : 20 Oct 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 23:02:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 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	88	0.00
2 T	Dichlorodifluoromethane	0.413	0.418	-1.2	88	0.00
3 P	Chloromethane	0.522	0.507	2.9	84	0.00
4 C	Vinyl Chloride	0.586	0.558	4.8#	84	0.00
5 T	Bromomethane	0.427	0.411	3.7	84	0.01
6 T	Chloroethane	0.377	0.394	-4.5	89	0.00
7 T	Trichlorofluoromethane	0.891	0.879	1.3	89	0.01
8 T	Diethyl Ether	0.315	0.308	2.2	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.513	0.511	0.4	91	0.00
10 T	Methyl Iodide	0.669	0.648	3.1	84	0.00
11 T	Tert butyl alcohol	0.088	0.106	-20.5	115	0.02
12 CM	1,1-Dichloroethene	0.480	0.483	-0.6#	90	0.00
13 T	Acrolein	0.076	0.057	25.0	79	0.00
14 T	Allyl chloride	0.750	0.738	1.6	88	0.00
15 T	Acrylonitrile	0.188	0.170	9.6	79	0.00
16 T	Acetone	0.211	0.217	-2.8	89	0.00
17 T	Carbon Disulfide	1.405	1.385	1.4	88	0.00
18 T	Methyl Acetate	0.725	0.718	1.0	84	0.00
19 T	Methyl tert-butyl Ether	1.547	1.523	1.6	86	0.00
20 T	Methylene Chloride	0.626	0.553	11.7	87	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.559	0.0	89	0.00
22 T	Diisopropyl ether	1.633	1.621	0.7	86	0.00
23 T	Vinyl Acetate	1.013	0.923	8.9	78	0.00
24 P	1,1-Dichloroethane	0.969	0.962	0.7	89	0.00
25 T	2-Butanone	0.289	0.313	-8.3	94	0.00
26 T	2,2-Dichloropropane	0.872	0.818	6.2	86	0.00
27 T	cis-1,2-Dichloroethene	0.643	0.631	1.9	87	0.00
28 T	Bromochloromethane	0.414	0.379	8.5	76	0.00
29 T	Tetrahydrofuran	0.175	0.191	-9.1	93	0.00
30 C	Chloroform	1.039	1.009	2.9#	86	0.00
31 T	Cyclohexane	0.889	0.841	5.4	88	0.00
32 T	1,1,1-Trichloroethane	0.930	0.925	0.5	88	0.00
33 S	1,2-Dichloroethane-d4	0.568	0.468	17.6	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.329	0.289	12.2	82	0.00
36 T	1,1-Dichloropropene	0.495	0.500	-1.0	88	0.00
37 T	Ethyl Acetate	0.357	0.378	-5.9	91	0.00
38 T	Carbon Tetrachloride	0.526	0.538	-2.3	90	0.00
39 T	Methylcyclohexane	0.619	0.611	1.3	86	0.00
40 TM	Benzene	1.396	1.400	-0.3	87	0.00
41 T	Methacrylonitrile	0.185	0.183	1.1	81	0.00
42 TM	1,2-Dichloroethane	0.450	0.419	6.9	81	0.00
43 T	Isopropyl Acetate	0.624	0.648	-3.8	87	0.00
44 TM	Trichloroethene	0.391	0.422	-7.9	95	0.00
45 C	1,2-Dichloropropane	0.349	0.339	2.9#	85	0.00
46 T	Dibromomethane	0.232	0.213	8.2	79	0.00
47 T	Bromodichloromethane	0.508	0.497	2.2	84	0.00
48 T	Methyl methacrylate	0.284	0.284	0.0	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	86	0.00
50 S	Toluene-d8	1.195	1.073	10.2	84	0.00
51 T	4-Methyl-2-Pentanone	0.359	0.395	-10.0	92	0.00
52 CM	Toluene	0.905	0.896	1.0#	84	0.00
53 T	t-1,3-Dichloropropene	0.550	0.517	6.0	79	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.573	4.5	82	0.00
55 T	1,1,2-Trichloroethane	0.319	0.303	5.0	81	0.00
56 T	Ethyl methacrylate	0.466	0.467	-0.2	82	0.00
57 T	1,3-Dichloropropane	0.540	0.509	5.7	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.203	9.4	76	0.00
59 T	2-Hexanone	0.273	0.319	-16.8	96	0.00
60 T	Dibromochloromethane	0.385	0.368	4.4	82	0.00
61 T	1,2-Dibromoethane	0.324	0.297	8.3	78	0.00
62 S	4-Bromofluorobenzene	0.426	0.371	12.9	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.388	0.461	-18.8	101	0.00
65 PM	Chlorobenzene	1.083	1.087	-0.4	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.408	0.411	-0.7	84	0.00
67 C	Ethyl Benzene	1.916	1.960	-2.3#	84	0.00
68 T	m/p-Xylenes	0.747	0.766	-2.5	84	0.00
69 T	o-Xylene	0.711	0.716	-0.7	83	0.00
70 T	Styrene	1.211	1.226	-1.2	83	0.00
71 P	Bromoform	0.287	0.286	0.3	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.740	3.944	-5.5	84	0.00
74 T	N-amyl acetate	1.181	1.294	-9.6	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.937	0.882	5.9	75	0.00
76 T	1,2,3-Trichloropropane	0.708	0.747	-5.5	82	0.00
77 T	Bromobenzene	0.908	0.915	-0.8	80	0.00
78 T	n-propylbenzene	4.505	4.761	-5.7	84	0.00
79 T	2-Chlorotoluene	2.529	2.626	-3.8	82	0.00
80 T	1,3,5-Trimethylbenzene	3.098	3.256	-5.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.320	1.2	76	0.00
82 T	4-Chlorotoluene	2.639	2.692	-2.0	80	0.00
83 T	tert-Butylbenzene	2.717	2.853	-5.0	82	0.00
84 T	1,2,4-Trimethylbenzene	3.076	3.188	-3.6	81	0.00
85 T	sec-Butylbenzene	4.057	4.276	-5.4	83	0.00
86 T	p-Isopropyltoluene	3.390	3.554	-4.8	82	0.00
87 T	1,3-Dichlorobenzene	1.766	1.796	-1.7	80	0.00
88 T	1,4-Dichlorobenzene	1.778	1.772	0.3	79	0.00
89 T	n-Butylbenzene	3.156	3.247	-2.9	80	0.00
90 T	Hexachloroethane	0.646	0.657	-1.7	81	0.00
91 T	1,2-Dichlorobenzene	1.622	1.599	1.4	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.178	0.176	1.1	80	0.00
93 T	1,2,4-Trichlorobenzene	1.033	0.949	8.1	72	0.00
94 T	Hexachlorobutadiene	0.561	0.520	7.3	75	0.00
95 T	Naphthalene	2.536	2.352	7.3	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.944	0.838	11.2	69	0.00

(#) = Out of Range

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