

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015913.D
 Acq On : 11 Oct 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 12 01:53:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 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	93	0.00
2 T	Dichlorodifluoromethane	0.200	0.205	-2.5	90	0.00
3 P	Chloromethane	0.205	0.225	-9.8	91	0.00
4 C	Vinyl Chloride	0.261	0.286	-9.6#	90	0.00
5 T	Bromomethane	0.214	0.224	-4.7	89	0.00
6 T	Chloroethane	0.205	0.220	-7.3	90	0.00
7 T	Trichlorofluoromethane	0.554	0.581	-4.9	92	0.00
8 T	Diethyl Ether	0.234	0.243	-3.8	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.376	0.393	-4.5	91	0.00
10 T	Methyl Iodide	0.333	0.383	-15.0	90	0.00
11 T	Tert butyl alcohol	0.093	0.057	38.7#	61	-0.01
12 CM	1,1-Dichloroethene	0.289	0.314	-8.7#	91	0.00
13 T	Acrolein	0.027	0.024	11.1	76	0.00
14 T	Allyl chloride	0.533	0.565	-6.0	89	0.00
15 T	Acrylonitrile	0.161	0.154	4.3	84	0.00
16 T	Acetone	0.186	0.169	9.1	89	0.00
17 T	Carbon Disulfide	0.365	0.448	-22.7	88	0.00
18 T	Methyl Acetate	0.610	0.604	1.0	82	0.00
19 T	Methyl tert-butyl Ether	1.310	1.295	1.1	87	0.00
20 T	Methylene Chloride	0.630	0.481	23.7	91	0.00
21 T	trans-1,2-Dichloroethene	0.335	0.365	-9.0	91	0.00
22 T	Diisopropyl ether	1.425	1.467	-2.9	90	0.00
23 T	Vinyl Acetate	0.784	0.780	0.5	85	0.00
24 P	1,1-Dichloroethane	0.785	0.815	-3.8	91	0.00
25 T	2-Butanone	0.247	0.221	10.5	82	0.00
26 T	2,2-Dichloropropane	0.730	0.730	0.0	91	0.00
27 T	cis-1,2-Dichloroethene	0.495	0.520	-5.1	92	0.00
28 T	Bromochloromethane	0.452	0.476	-5.3	100	0.00
29 T	Tetrahydrofuran	0.135	0.126	6.7	80	0.00
30 C	Chloroform	0.876	0.894	-2.1#	91	0.00
31 T	Cyclohexane	0.482	0.466	3.3	89	0.00
32 T	1,1,1-Trichloroethane	0.715	0.745	-4.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.450	0.422	6.2	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.279	0.278	0.4	93	0.00
36 T	1,1-Dichloropropene	0.309	0.334	-8.1	90	0.00
37 T	Ethyl Acetate	0.265	0.254	4.2	81	0.00
38 T	Carbon Tetrachloride	0.371	0.399	-7.5	93	0.00
39 T	Methylcyclohexane	0.314	0.330	-5.1	86	0.00
40 TM	Benzene	0.971	1.051	-8.2	91	0.00
41 T	Methacrylonitrile	0.165	0.181	-9.7	95	0.00
42 TM	1,2-Dichloroethane	0.331	0.341	-3.0	87	0.00
43 T	Isopropyl Acetate	0.491	0.481	2.0	83	0.00
44 TM	Trichloroethene	0.281	0.305	-8.5	91	0.00
45 C	1,2-Dichloropropane	0.292	0.302	-3.4#	90	0.00
46 T	Dibromomethane	0.174	0.179	-2.9	88	0.00
47 T	Bromodichloromethane	0.432	0.445	-3.0	90	0.00
48 T	Methyl methacrylate	0.217	0.218	-0.5	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	76	0.00
50 S	Toluene-d8	0.919	0.932	-1.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.294	0.281	4.4	81	0.00
52 CM	Toluene	0.644	0.688	-6.8#	91	0.00
53 T	t-1,3-Dichloropropene	0.437	0.457	-4.6	89	0.00
54 T	cis-1,3-Dichloropropene	0.475	0.499	-5.1	89	0.00
55 T	1,1,2-Trichloroethane	0.277	0.281	-1.4	88	0.00
56 T	Ethyl methacrylate	0.376	0.384	-2.1	85	0.00
57 T	1,3-Dichloropropane	0.446	0.456	-2.2	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.229	0.234	-2.2	92	0.00
59 T	2-Hexanone	0.222	0.211	5.0	83	0.00
60 T	Dibromochloromethane	0.332	0.339	-2.1	89	0.00
61 T	1,2-Dibromoethane	0.253	0.257	-1.6	87	0.00
62 S	4-Bromofluorobenzene	0.373	0.360	3.5	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.326	0.339	-4.0	90	0.00
65 PM	Chlorobenzene	0.872	0.907	-4.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.372	-4.5	91	0.00
67 C	Ethyl Benzene	1.496	1.581	-5.7#	91	0.00
68 T	m/p-Xylenes	0.564	0.599	-6.2	91	0.00
69 T	o-Xylene	0.564	0.596	-5.7	90	0.00
70 T	Styrene	0.984	1.044	-6.1	89	0.00
71 P	Bromoform	0.248	0.250	-0.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.154	3.265	-3.5	90	0.00
74 T	N-amyl acetate	0.994	0.989	0.5	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.818	0.794	2.9	85	0.00
76 T	1,2,3-Trichloropropane	0.584	0.543	7.0	87	0.00
77 T	Bromobenzene	0.773	0.788	-1.9	89	0.00
78 T	n-propylbenzene	3.793	3.908	-3.0	89	0.00
79 T	2-Chlorotoluene	2.161	2.233	-3.3	89	0.00
80 T	1,3,5-Trimethylbenzene	2.600	2.698	-3.8	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.261	0.8	82	0.00
82 T	4-Chlorotoluene	2.252	2.302	-2.2	89	0.00
83 T	tert-Butylbenzene	2.426	2.494	-2.8	87	0.00
84 T	1,2,4-Trimethylbenzene	2.618	2.692	-2.8	88	0.00
85 T	sec-Butylbenzene	3.558	3.622	-1.8	87	0.00
86 T	p-Isopropyltoluene	2.943	2.994	-1.7	87	0.00
87 T	1,3-Dichlorobenzene	1.557	1.571	-0.9	89	0.00
88 T	1,4-Dichlorobenzene	1.568	1.576	-0.5	88	0.00
89 T	n-Butylbenzene	2.785	2.827	-1.5	87	0.00
90 T	Hexachloroethane	0.591	0.597	-1.0	88	0.00
91 T	1,2-Dichlorobenzene	1.447	1.450	-0.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.144	0.137	4.9	81	0.00
93 T	1,2,4-Trichlorobenzene	0.928	0.895	3.6	83	0.00
94 T	Hexachlorobutadiene	0.497	0.467	6.0	82	0.00
95 T	Naphthalene	2.146	2.093	2.5	82	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.803	2.7	84	0.00

(#) = Out of Range

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