

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014352.D
 Acq On : 21 Jun 2023 21:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	82	0.00
2 T	Dichlorodifluoromethane	0.557	0.477	14.4	73	0.00
3 P	Chloromethane	0.707	0.540	23.6	67	0.00
4 C	Vinyl Chloride	0.687	0.563	18.0#	69	0.00
5 T	Bromomethane	0.567	0.465	18.0	77	-0.02
6 T	Chloroethane	0.467	0.392	16.1	75	0.00
7 T	Trichlorofluoromethane	1.116	1.101	1.3	84	0.00
8 T	Diethyl Ether	0.373	0.376	-0.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.556	1.2	81	0.00
10 T	Methyl Iodide	0.744	0.645	13.3	70	0.00
11 T	Tert butyl alcohol	0.092	0.143	-55.4#	160#	0.00
12 CM	1,1-Dichloroethene	0.571	0.537	6.0#	80	0.00
13 T	Acrolein	0.044	0.028	36.4#	71	0.00
14 T	Allyl chloride	1.035	0.949	8.3	77	0.00
15 T	Acrylonitrile	0.192	0.234	-21.9	105	0.00
16 T	Acetone	0.210	0.206	1.9	95	0.00
17 T	Carbon Disulfide	1.850	1.593	13.9	74	0.00
18 T	Methyl Acetate	0.815	0.963	-18.2	108	0.00
19 T	Methyl tert-butyl Ether	1.684	1.845	-9.6	90	0.01
20 T	Methylene Chloride	0.775	0.758	2.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.625	1.9	81	0.00
22 T	Diisopropyl ether	1.981	2.074	-4.7	86	0.01
23 T	Vinyl Acetate	1.169	1.275	-9.1	91	0.00
24 P	1,1-Dichloroethane	1.142	1.137	0.4	85	0.01
25 T	2-Butanone	0.258	0.327	-26.7#	116	0.00
26 T	2,2-Dichloropropane	1.073	1.018	5.1	81	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.735	-3.2	88	0.00
28 T	Bromochloromethane	0.465	0.473	-1.7	91	0.00
29 T	Tetrahydrofuran	0.164	0.218	-32.9#	119	0.00
30 C	Chloroform	1.212	1.293	-6.7#	90	0.00
31 T	Cyclohexane	0.933	0.896	4.0	83	0.00
32 T	1,1,1-Trichloroethane	1.093	1.144	-4.7	89	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.669	3.9	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.355	0.364	-2.5	88	0.00
36 T	1,1-Dichloropropene	0.553	0.574	-3.8	86	0.00
37 T	Ethyl Acetate	0.381	0.456	-19.7	101	0.00
38 T	Carbon Tetrachloride	0.638	0.687	-7.7	88	0.00
39 T	Methylcyclohexane	0.613	0.637	-3.9	82	0.00
40 TM	Benzene	1.644	1.726	-5.0	87	0.00
41 T	Methacrylonitrile	0.195	0.274	-40.5#	134	0.02
42 TM	1,2-Dichloroethane	0.581	0.632	-8.8	92	0.00
43 T	Isopropyl Acetate	0.669	0.802	-19.9	101	0.00
44 TM	Trichloroethene	0.439	0.465	-5.9	87	0.00
45 C	1,2-Dichloropropane	0.418	0.438	-4.8#	87	0.00
46 T	Dibromomethane	0.257	0.284	-10.5	94	0.00
47 T	Bromodichloromethane	0.602	0.652	-8.3	90	0.00
48 T	Methyl methacrylate	0.312	0.376	-20.5	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	112	-0.01
50 S	Toluene-d8	1.326	1.243	6.3	85	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.478	-31.7#	112	0.00
52 CM	Toluene	1.019	1.105	-8.4#	89	0.00
53 T	t-1,3-Dichloropropene	0.634	0.688	-8.5	90	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.734	-6.2	89	0.00
55 T	1,1,2-Trichloroethane	0.341	0.388	-13.8	95	0.00
56 T	Ethyl methacrylate	0.470	0.570	-21.3	97	0.00
57 T	1,3-Dichloropropane	0.583	0.649	-11.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.285	-61.0#	115	0.00
59 T	2-Hexanone	0.262	0.355	-35.5#	116	0.00
60 T	Dibromochloromethane	0.436	0.504	-15.6	97	0.00
61 T	1,2-Dibromoethane	0.336	0.394	-17.3	99	0.00
62 S	4-Bromofluorobenzene	0.471	0.533	-13.2	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.426	0.484	-13.6	103	0.00
65 PM	Chlorobenzene	1.201	1.211	-0.8	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.493	-4.2	93	0.00
67 C	Ethyl Benzene	2.103	2.156	-2.5#	90	0.00
68 T	m/p-Xylenes	0.809	0.838	-3.6	91	0.00
69 T	o-Xylene	0.765	0.805	-5.2	92	0.00
70 T	Styrene	1.305	1.407	-7.8	94	0.00
71 P	Bromoform	0.324	0.373	-15.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.814	3.738	2.0	92	0.00
74 T	N-amyl acetate	1.209	1.308	-8.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.906	-6.3	106	0.00
76 T	1,2,3-Trichloropropane	0.656	0.640	2.4	91	0.00
77 T	Bromobenzene	1.003	0.965	3.8	93	0.00
78 T	n-propylbenzene	4.659	4.591	1.5	93	0.00
79 T	2-Chlorotoluene	2.681	2.627	2.0	95	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.251	0.5	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.318	-5.0	101	0.00
82 T	4-Chlorotoluene	2.841	2.761	2.8	94	0.00
83 T	tert-Butylbenzene	2.775	2.710	2.3	92	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.265	-1.0	96	0.00
85 T	sec-Butylbenzene	4.035	4.055	-0.5	94	0.00
86 T	p-Isopropyltoluene	3.453	3.397	1.6	93	0.00
87 T	1,3-Dichlorobenzene	1.914	1.883	1.6	96	0.00
88 T	1,4-Dichlorobenzene	1.929	1.870	3.1	96	0.00
89 T	n-Butylbenzene	3.203	3.183	0.6	94	0.00
90 T	Hexachloroethane	0.688	0.691	-0.4	98	0.00
91 T	1,2-Dichlorobenzene	1.719	1.748	-1.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.191	-17.9	127	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.099	-0.9	99	0.00
94 T	Hexachlorobutadiene	0.629	0.631	-0.3	97	0.00
95 T	Naphthalene	2.210	2.512	-13.7	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.017	-3.4	105	0.00

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