

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015117.D
 Acq On : 15 Aug 2023 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 16 02:09:48 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	67	0.00
2 T	Dichlorodifluoromethane	0.253	0.250	1.2	78	0.00
3 P	Chloromethane	0.347	0.350	-0.9	77	0.00
4 C	Vinyl Chloride	0.398	0.475	-19.3#	84	0.00
5 T	Bromomethane	0.291	0.309	-6.2	71	0.00
6 T	Chloroethane	0.289	0.371	-28.4#	87	0.00
7 T	Trichlorofluoromethane	0.670	0.772	-15.2	81	0.00
8 T	Diethyl Ether	0.263	0.329	-25.1#	86	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.417	0.448	-7.4	75	0.00
10 T	Methyl Iodide	0.409	0.389	4.9	60	0.00
11 T	Tert butyl alcohol	0.116	0.124	-6.9	85	0.01
12 CM	1,1-Dichloroethene	0.348	0.401	-15.2#	79	0.00
13 T	Acrolein	0.056	0.000	100.0#	0#	0.01
14 T	Allyl chloride	0.617	0.501	18.8	55	0.00
15 T	Acrylonitrile	0.178	0.007	96.1#	3#	0.07
16 T	Acetone	0.196	0.194	1.0	64	0.00
17 T	Carbon Disulfide	0.612	0.790	-29.1#	85	0.00
18 T	Methyl Acetate	0.719	3.873	-438.7#	361#	0.00
19 T	Methyl tert-butyl Ether	1.479	1.795	-21.4	82	0.01
20 T	Methylene Chloride	0.570	0.681	-19.5	95	0.00
21 T	trans-1,2-Dichloroethene	0.392	0.468	-19.4	81	0.01
22 T	Diisopropyl ether	1.539	1.721	-11.8	76	0.00
23 T	Vinyl Acetate	0.918	0.194	78.9#	14#	0.07
24 P	1,1-Dichloroethane	0.833	0.961	-15.4	78	0.00
25 T	2-Butanone	0.278	0.163	41.4#	39#	0.00
26 T	2,2-Dichloropropane	0.803	0.142	82.3#	12#	0.01
27 T	cis-1,2-Dichloroethene	0.536	0.638	-19.0	81	0.00
28 T	Bromochloromethane	0.383	0.890	-132.4#	160#	0.00
29 T	Tetrahydrofuran	0.166	0.201	-21.1	82	0.00
30 C	Chloroform	0.934	1.114	-19.3#	82	0.00
31 T	Cyclohexane	0.597	0.623	-4.4	76	0.01
32 T	1,1,1-Trichloroethane	0.795	0.927	-16.6	80	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.779	-29.8#	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.322	0.376	-16.8	81	0.00
36 T	1,1-Dichloropropene	0.356	0.385	-8.1	78	0.00
37 T	Ethyl Acetate	0.332	0.116	65.1#	26#	0.00
38 T	Carbon Tetrachloride	0.421	0.457	-8.6	78	0.00
39 T	Methylcyclohexane	0.399	0.428	-7.3	77	0.00
40 TM	Benzene	1.076	1.209	-12.4	81	0.00
41 T	Methacrylonitrile	0.171	0.364	-112.9#	143	0.04
42 TM	1,2-Dichloroethane	0.391	0.452	-15.6	82	0.00
43 T	Isopropyl Acetate	0.604	0.370	38.7#	44#	0.00
44 TM	Trichloroethene	0.310	0.437	-41.0#	102	0.00
45 C	1,2-Dichloropropane	0.303	0.337	-11.2#	80	0.00
46 T	Dibromomethane	0.191	0.232	-21.5	85	0.00
47 T	Bromodichloromethane	0.457	0.527	-15.3	82	0.00
48 T	Methyl methacrylate	0.258	0.373	-44.6#	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	83	0.00
50 S	Toluene-d8	1.197	1.413	-18.0	82	0.00
51 T	4-Methyl-2-Pentanone	0.350	0.329	6.0	66	0.00
52 CM	Toluene	0.709	0.798	-12.6#	81	0.00
53 T	t-1,3-Dichloropropene	0.480	0.294	38.8#	44#	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.332	34.3#	47#	0.00
55 T	1,1,2-Trichloroethane	0.291	0.335	-15.1	83	0.00
56 T	Ethyl methacrylate	0.426	0.318	25.4#	52	0.00
57 T	1,3-Dichloropropane	0.475	0.555	-16.8	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.198	0.231	-16.7	85	0.00
59 T	2-Hexanone	0.259	0.152	41.3#	41#	0.00
60 T	Dibromochloromethane	0.347	0.411	-18.4	83	0.00
61 T	1,2-Dibromoethane	0.276	0.327	-18.5	84	0.00
62 S	4-Bromofluorobenzene	0.437	0.509	-16.5	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.348	0.561	-61.2#	118	0.00
65 PM	Chlorobenzene	0.911	1.009	-10.8	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.421	-13.8	83	0.00
67 C	Ethyl Benzene	1.596	1.707	-7.0#	79	0.00
68 T	m/p-Xylenes	0.606	0.649	-7.1	78	0.00
69 T	o-Xylene	0.604	0.661	-9.4	80	0.00
70 T	Styrene	1.045	1.110	-6.2	77	0.00
71 P	Bromoform	0.268	0.316	-17.9	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.215	3.412	-6.1	78	0.00
74 T	N-amyl acetate	1.161	0.199	82.9#	12#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.837	0.724	13.5	62	0.00
76 T	1,2,3-Trichloropropane	0.607	0.711	-17.1	87	0.00
77 T	Bromobenzene	0.784	0.890	-13.5	83	0.00
78 T	n-propylbenzene	3.818	3.934	-3.0	76	0.00
79 T	2-Chlorotoluene	2.203	2.372	-7.7	79	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.855	-6.5	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.076	72.6#	19#	0.00
82 T	4-Chlorotoluene	2.275	2.416	-6.2	77	0.00
83 T	tert-Butylbenzene	2.451	2.578	-5.2	76	0.00
84 T	1,2,4-Trimethylbenzene	2.678	2.879	-7.5	77	0.00
85 T	sec-Butylbenzene	3.592	3.730	-3.8	76	0.00
86 T	p-Isopropyltoluene	2.978	3.000	-0.7	73	0.00
87 T	1,3-Dichlorobenzene	1.554	1.673	-7.7	78	0.00
88 T	1,4-Dichlorobenzene	1.559	1.671	-7.2	78	0.00
89 T	n-Butylbenzene	2.808	2.587	7.9	66	0.00
90 T	Hexachloroethane	0.591	0.629	-6.4	78	0.00
91 T	1,2-Dichlorobenzene	1.452	1.638	-12.8	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.190	-17.3	84	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.943	-1.2	73	0.00
94 T	Hexachlorobutadiene	0.507	0.478	5.7	70	0.00
95 T	Naphthalene	2.322	2.683	-15.5	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.926	-10.0	80	0.00

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