

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078545.D
 Acq On : 26 Feb 2024 10:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 27 03:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 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	78	0.00
2 T	Dichlorodifluoromethane	0.493	0.503	-2.0	78	0.00
3 P	Chloromethane	0.905	0.816	9.8	73	0.00
4 C	Vinyl Chloride	1.382	1.286	6.9#	77	0.00
5 T	Bromomethane	0.954	0.999	-4.7	91	0.00
6 T	Chloroethane	1.007	0.940	6.7	81	0.00
7 T	Trichlorofluoromethane	0.932	0.962	-3.2	85	0.00
8 T	Diethyl Ether	0.268	0.271	-1.1	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.588	0.605	-2.9	86	0.00
10 T	Methyl Iodide	0.527	0.617	-17.1	94	0.00
11 T	Tert butyl alcohol	0.033	0.027	18.2	85	0.01
12 CM	1,1-Dichloroethene	0.545	0.571	-4.8#	87	0.00
13 T	Acrolein	0.050	0.051	-2.0	103	0.00
14 T	Allyl chloride	0.673	0.620	7.9	78	0.00
15 T	Acrylonitrile	0.115	0.109	5.2	82	0.00
16 T	Acetone	0.120	0.105	12.5	81	0.00
17 T	Carbon Disulfide	1.834	1.614	12.0	75	0.00
18 T	Methyl Acetate	0.338	0.448	-32.5#	85	-0.01
19 T	Methyl tert-butyl Ether	1.158	1.155	0.3	86	0.00
20 T	Methylene Chloride	0.695	0.674	3.0	87	0.00
21 T	trans-1,2-Dichloroethene	0.641	0.663	-3.4	87	0.00
22 T	Diisopropyl ether	1.484	1.425	4.0	80	0.00
23 T	Vinyl Acetate	0.696	0.516	25.9#	76	0.00
24 P	1,1-Dichloroethane	1.051	1.048	0.3	84	0.00
25 T	2-Butanone	0.155	0.134	13.5	82	0.00
26 T	2,2-Dichloropropane	0.881	0.947	-7.5	88	0.00
27 T	cis-1,2-Dichloroethene	0.704	0.744	-5.7	89	0.00
28 T	Bromochloromethane	0.416	0.374	10.1	70	0.00
29 T	Tetrahydrofuran	0.080	0.074	7.5	80	0.00
30 C	Chloroform	1.112	1.145	-3.0#	87	0.00
31 T	Cyclohexane	0.915	0.815	10.9	74	0.00
32 T	1,1,1-Trichloroethane	0.948	1.021	-7.7	90	0.00
33 S	1,2-Dichloroethane-d4	0.541	0.546	-0.9	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.318	0.400	-25.8#	99	0.00
36 T	1,1-Dichloropropene	0.493	0.538	-9.1	84	0.00
37 T	Ethyl Acetate	0.173	0.151	12.7	75	0.00
38 T	Carbon Tetrachloride	0.489	0.567	-16.0	88	0.00
39 T	Methylcyclohexane	0.586	0.623	-6.3	78	0.00
40 TM	Benzene	1.426	1.600	-12.2	86	0.00
41 T	Methacrylonitrile	0.090	0.083	7.8	72	0.00
42 TM	1,2-Dichloroethane	0.369	0.387	-4.9	85	0.00
43 T	Isopropyl Acetate	0.320	0.311	2.8	76	0.00
44 TM	Trichloroethene	0.364	0.437	-20.1	92	0.00
45 C	1,2-Dichloropropane	0.350	0.373	-6.6#	84	0.00
46 T	Dibromomethane	0.197	0.217	-10.2	88	0.00
47 T	Bromodichloromethane	0.487	0.548	-12.5	87	0.00
48 T	Methyl methacrylate	0.170	0.180	-5.9	76	0.00

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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)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.271	1.553	-22.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.170	0.167	1.8	78	0.00
52 CM	Toluene	0.902	1.038	-15.1#	88	0.00
53 T	t-1,3-Dichloropropene	0.445	0.497	-11.7	86	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.599	-11.1	87	0.00
55 T	1,1,2-Trichloroethane	0.265	0.295	-11.3	89	0.00
56 T	Ethyl methacrylate	0.245	0.228	6.9	85	0.00
57 T	1,3-Dichloropropane	0.451	0.488	-8.2	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.144	0.148	-2.8	73	0.00
59 T	2-Hexanone	0.128	0.124	3.1	80	0.00
60 T	Dibromochloromethane	0.319	0.381	-19.4	94	0.00
61 T	1,2-Dibromoethane	0.249	0.282	-13.3	88	0.00
62 S	4-Bromofluorobenzene	0.370	0.456	-23.2	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.316	0.378	-19.6	92	0.00
65 PM	Chlorobenzene	1.005	1.171	-16.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.446	-20.9	94	0.00
67 C	Ethyl Benzene	1.801	2.127	-18.1#	88	0.00
68 T	m/p-Xylenes	0.703	0.843	-19.9	87	0.00
69 T	o-Xylene	0.641	0.746	-16.4	87	0.00
70 T	Styrene	1.046	1.166	-11.5	88	0.00
71 P	Bromoform	0.194	0.230	-18.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.357	3.846	-14.6	88	0.00
74 T	N-amyl acetate	0.635	0.573	9.8	79	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.664	0.3	87	0.00
76 T	1,2,3-Trichloropropane	0.424	0.458	-8.0	103	0.00
77 T	Bromobenzene	0.789	0.904	-14.6	93	0.00
78 T	n-propylbenzene	4.184	4.674	-11.7	87	0.00
79 T	2-Chlorotoluene	2.241	2.468	-10.1	88	0.00
80 T	1,3,5-Trimethylbenzene	2.788	3.238	-16.1	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.204	0.203	0.5	84	0.00
82 T	4-Chlorotoluene	2.407	2.584	-7.4	86	0.00
83 T	tert-Butylbenzene	2.351	2.718	-15.6	89	0.00
84 T	1,2,4-Trimethylbenzene	2.829	3.257	-15.1	88	0.00
85 T	sec-Butylbenzene	3.646	4.078	-11.8	88	0.00
86 T	p-Isopropyltoluene	3.106	3.646	-17.4	88	0.00
87 T	1,3-Dichlorobenzene	1.684	1.920	-14.0	91	0.00
88 T	1,4-Dichlorobenzene	1.655	1.911	-15.5	94	0.00
89 T	n-Butylbenzene	2.994	3.362	-12.3	84	0.00
90 T	Hexachloroethane	0.638	0.716	-12.2	92	0.00
91 T	1,2-Dichlorobenzene	1.414	1.610	-13.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.090	-3.4	87	0.00
93 T	1,2,4-Trichlorobenzene	0.831	1.009	-21.4	96	0.00
94 T	Hexachlorobutadiene	0.434	0.540	-24.4	97	0.00
95 T	Naphthalene	1.542	1.745	-13.2	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.704	0.858	-21.9	96	0.00

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