

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075607.D
 Acq On : 07 Apr 2023 18:11
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 10 02:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 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	165#	0.00
2 T	Dichlorodifluoromethane	0.499	0.348	30.3#	123	0.00
3 P	Chloromethane	0.825	0.657	20.4	141	0.00
4 C	Vinyl Chloride	1.200	0.918	23.5#	133	0.00
5 T	Bromomethane	0.940	0.733	22.0	135	0.00
6 T	Chloroethane	0.804	0.638	20.6	139	0.00
7 T	Trichlorofluoromethane	0.967	0.714	26.2#	129	0.00
8 T	Diethyl Ether	0.258	0.221	14.3	140	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.629	0.465	26.1#	130	0.00
10 T	Methyl Iodide	0.751	0.599	20.2	134	0.00
11 T	Tert butyl alcohol	0.021	0.017	19.0	131	-0.01
12 CM	1,1-Dichloroethene	0.621	0.467	24.8#	127	0.00
13 T	Acrolein	0.042	0.027	35.7#	115	0.00
14 T	Allyl chloride	0.535	0.422	21.1	137	0.00
15 T	Acrylonitrile	0.095	0.083	12.6	149	0.00
16 T	Acetone	0.084	0.072	14.3	141	0.00
17 T	Carbon Disulfide	1.875	1.413	24.6	130	0.00
18 T	Methyl Acetate	0.240	0.221	7.9	160#	0.00
19 T	Methyl tert-butyl Ether	1.078	0.960	10.9	146	0.00
20 T	Methylene Chloride	0.809	0.611	24.5	154#	0.00
21 T	trans-1,2-Dichloroethene	0.706	0.562	20.4	136	0.00
22 T	Diisopropyl ether	1.159	1.032	11.0	148	0.00
23 T	Vinyl Acetate	0.562	0.501	10.9	145	0.00
24 P	1,1-Dichloroethane	1.004	0.841	16.2	143	0.00
25 T	2-Butanone	0.106	0.091	14.2	142	0.00
26 T	2,2-Dichloropropane	0.923	0.726	21.3	134	0.00
27 T	cis-1,2-Dichloroethene	0.757	0.633	16.4	140	0.00
28 T	Bromochloromethane	0.324	0.325	-0.3	166#	0.00
29 T	Tetrahydrofuran	0.058	0.058	0.0	171#	0.00
30 C	Chloroform	1.115	1.077	3.4#	164#	0.00
31 T	Cyclohexane	0.808	0.657	18.7	142	0.00
32 T	1,1,1-Trichloroethane	0.978	0.889	9.1	157#	0.00
33 S	1,2-Dichloroethane-d4	0.454	0.432	4.8	153#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	134	0.00
35 S	Dibromofluoromethane	0.342	0.461	-34.8#	173#	0.00
36 T	1,1-Dichloropropene	0.507	0.499	1.6	133	0.00
37 T	Ethyl Acetate	0.132	0.154	-16.7	159#	0.00
38 T	Carbon Tetrachloride	0.486	0.474	2.5	132	0.00
39 T	Methylcyclohexane	0.640	0.588	8.1	125	0.00
40 TM	Benzene	1.521	1.634	-7.4	147	0.00
41 T	Methacrylonitrile	0.070	0.079	-12.9	156#	0.00
42 TM	1,2-Dichloroethane	0.335	0.380	-13.4	155#	0.00
43 T	Isopropyl Acetate	0.245	0.282	-15.1	157#	0.00
44 TM	Trichloroethene	0.447	0.447	0.0	141	0.00
45 C	1,2-Dichloropropane	0.327	0.363	-11.0#	151#	0.00
46 T	Dibromomethane	0.202	0.229	-13.4	156#	0.00
47 T	Bromodichloromethane	0.488	0.539	-10.5	151#	0.00
48 T	Methyl methacrylate	0.115	0.132	-14.8	161#	0.00

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 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	141	0.00
50 S	Toluene-d8	1.353	1.582	-16.9	144	0.00
51 T	4-Methyl-2-Pentanone	0.127	0.147	-15.7	155#	0.00
52 CM	Toluene	0.986	1.070	-8.5#	144	0.00
53 T	t-1,3-Dichloropropene	0.439	0.494	-12.5	151#	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.592	-9.8	148	0.00
55 T	1,1,2-Trichloroethane	0.285	0.316	-10.9	151#	0.00
56 T	Ethyl methacrylate	0.272	0.326	-19.9	155#	0.00
57 T	1,3-Dichloropropane	0.439	0.500	-13.9	155#	0.00
58 T	2-Chloroethyl Vinyl ether	0.133	0.160	-20.3	156#	0.00
59 T	2-Hexanone	0.090	0.103	-14.4	148	0.00
60 T	Dibromochloromethane	0.337	0.395	-17.2	159#	0.00
61 T	1,2-Dibromoethane	0.269	0.300	-11.5	150	0.00
62 S	4-Bromofluorobenzene	0.391	0.452	-15.6	147	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	142	0.00
64 T	Tetrachloroethene	0.395	0.391	1.0	140	0.00
65 PM	Chlorobenzene	1.186	1.208	-1.9	146	0.00
66 T	1,1,1,2-Tetrachloroethane	0.406	0.430	-5.9	150#	0.00
67 C	Ethyl Benzene	2.042	2.106	-3.1#	143	0.00
68 T	m/p-Xylenes	0.821	0.877	-6.8	145	0.00
69 T	o-Xylene	0.762	0.787	-3.3	141	0.00
70 T	Styrene	1.268	1.412	-11.4	150#	0.00
71 P	Bromoform	0.207	0.228	-10.1	157#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	150#	0.00
73 T	Isopropylbenzene	4.004	3.795	5.2	141	0.00
74 T	N-amyl acetate	0.496	0.504	-1.6	158#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.679	0.692	-1.9	161#	0.00
76 T	1,2,3-Trichloropropane	0.410	0.454	-10.7	179#	0.00
77 T	Bromobenzene	0.952	0.900	5.5	148	0.00
78 T	n-propylbenzene	4.865	4.577	5.9	143	0.00
79 T	2-Chlorotoluene	2.636	2.496	5.3	146	0.00
80 T	1,3,5-Trimethylbenzene	3.283	3.142	4.3	144	0.00
81 T	trans-1,4-Dichloro-2-butene	0.195	0.201	-3.1	154#	0.00
82 T	4-Chlorotoluene	2.720	2.627	3.4	151#	0.00
83 T	tert-Butylbenzene	2.854	2.663	6.7	139	0.00
84 T	1,2,4-Trimethylbenzene	3.173	3.211	-1.2	151#	0.00
85 T	sec-Butylbenzene	4.418	4.148	6.1	142	0.00
86 T	p-Isopropyltoluene	3.610	3.449	4.5	141	0.00
87 T	1,3-Dichlorobenzene	1.968	1.924	2.2	151#	0.00
88 T	1,4-Dichlorobenzene	1.947	1.851	4.9	150	0.00
89 T	n-Butylbenzene	3.311	3.091	6.6	141	0.00
90 T	Hexachloroethane	0.697	0.633	9.2	143	0.00
91 T	1,2-Dichlorobenzene	1.665	1.644	1.3	152#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.087	-2.4	155#	0.00
93 T	1,2,4-Trichlorobenzene	0.971	0.877	9.7	143	0.00
94 T	Hexachlorobutadiene	0.463	0.400	13.6	133	0.00
95 T	Naphthalene	1.783	1.663	6.7	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.752	10.3	143	0.00

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