

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076280.D
 Acq On : 30 May 2023 18:00
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 31 02:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 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	53	0.00
2 T	Dichlorodifluoromethane	0.451	0.389	13.7	52	0.00
3 P	Chloromethane	0.857	0.901	-5.1	64	0.00
4 C	Vinyl Chloride	0.973	1.086	-11.6#	66	0.00
5 T	Bromomethane	0.655	0.658	-0.5	57	-0.01
6 T	Chloroethane	0.654	0.792	-21.1	70	0.00
7 T	Trichlorofluoromethane	0.824	0.798	3.2	59	0.00
8 T	Diethyl Ether	0.271	0.345	-27.3#	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.543	0.545	-0.4	62	0.00
10 T	Methyl Iodide	0.565	0.702	-24.2	62	0.00
11 T	Tert butyl alcohol	0.026	0.040	-53.8#	85	0.01
12 CM	1,1-Dichloroethene	0.540	0.538	0.4#	57	-0.01
13 T	Acrolein	0.063	0.060	4.8	50	0.00
14 T	Allyl chloride	0.548	0.605	-10.4	59	-0.01
15 T	Acrylonitrile	0.112	0.169	-50.9#	79	0.00
16 T	Acetone	0.096	0.132	-37.5#	71	0.00
17 T	Carbon Disulfide	1.620	1.341	17.2	49#	-0.01
18 T	Methyl Acetate	0.343	0.506	-47.5#	78	0.00
19 T	Methyl tert-butyl Ether	1.058	1.530	-44.6#	74	0.00
20 T	Methylene Chloride	1.029	1.020	0.9	70	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.670	-7.5	58	-0.01
22 T	Diisopropyl ether	1.273	1.750	-37.5#	69	0.00
23 T	Vinyl Acetate	0.501	0.732	-46.1#	73	0.00
24 P	1,1-Dichloroethane	1.004	1.182	-17.7	65	0.00
25 T	2-Butanone	0.121	0.183	-51.2#	78	0.00
26 T	2,2-Dichloropropane	0.819	0.914	-11.6	63	0.00
27 T	cis-1,2-Dichloroethene	0.691	0.846	-22.4	64	0.00
28 T	Bromochloromethane	0.335	0.423	-26.3#	70	0.00
29 T	Tetrahydrofuran	0.070	0.111	-58.6#	79	0.00
30 C	Chloroform	1.074	1.333	-24.1#	69	0.00
31 T	Cyclohexane	0.740	0.668	9.7	54	0.00
32 T	1,1,1-Trichloroethane	0.856	0.926	-8.2	62	0.00
33 S	1,2-Dichloroethane-d4	0.483	0.597	-23.6	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.346	0.378	-9.2	69	0.00
36 T	1,1-Dichloropropene	0.467	0.440	5.8	60	0.00
37 T	Ethyl Acetate	0.162	0.223	-37.7#	79	0.00
38 T	Carbon Tetrachloride	0.422	0.394	6.6	61	0.00
39 T	Methylcyclohexane	0.537	0.445	17.1	55	0.00
40 TM	Benzene	1.501	1.523	-1.5	63	0.00
41 T	Methacrylonitrile	0.089	0.116	-30.3#	70	0.00
42 TM	1,2-Dichloroethane	0.355	0.421	-18.6	74	0.00
43 T	Isopropyl Acetate	0.302	0.387	-28.1#	79	0.00
44 TM	Trichloroethene	0.423	0.392	7.3	59	0.00
45 C	1,2-Dichloropropane	0.370	0.414	-11.9#	69	0.00
46 T	Dibromomethane	0.207	0.248	-19.8	75	0.00
47 T	Bromodichloromethane	0.499	0.571	-14.4	71	0.00
48 T	Methyl methacrylate	0.134	0.177	-32.1#	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	88	0.00
50 S	Toluene-d8	1.347	1.302	3.3	60	0.00
51 T	4-Methyl-2-Pentanone	0.161	0.220	-36.6#	80	0.00
52 CM	Toluene	0.937	0.986	-5.2#	64	0.00
53 T	t-1,3-Dichloropropene	0.449	0.542	-20.7	72	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.651	-18.8	71	0.00
55 T	1,1,2-Trichloroethane	0.298	0.376	-26.2#	78	0.00
56 T	Ethyl methacrylate	0.299	0.398	-33.1#	75	0.00
57 T	1,3-Dichloropropane	0.467	0.579	-24.0	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.178	-24.5	72	0.00
59 T	2-Hexanone	0.113	0.157	-38.9#	79	0.00
60 T	Dibromochloromethane	0.335	0.424	-26.6#	77	0.00
61 T	1,2-Dibromoethane	0.265	0.334	-26.0#	77	0.00
62 S	4-Bromofluorobenzene	0.374	0.414	-10.7	71	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.384	0.319	16.9	59	0.00
65 PM	Chlorobenzene	1.138	1.125	1.1	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.405	-3.3	72	0.00
67 C	Ethyl Benzene	1.819	1.738	4.5#	65	0.00
68 T	m/p-Xylenes	0.743	0.740	0.4	67	0.00
69 T	o-Xylene	0.678	0.689	-1.6	67	0.00
70 T	Styrene	1.176	1.277	-8.6	71	0.00
71 P	Bromoform	0.220	0.253	-15.0	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.308	2.944	11.0	66	0.00
74 T	N-amyl acetate	0.589	0.643	-9.2	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.711	0.781	-9.8	85	0.00
76 T	1,2,3-Trichloropropane	0.438	0.515	-17.6	101	0.00
77 T	Bromobenzene	0.887	0.894	-0.8	75	0.00
78 T	n-propylbenzene	4.117	3.646	11.4	66	0.00
79 T	2-Chlorotoluene	2.279	2.071	9.1	68	0.00
80 T	1,3,5-Trimethylbenzene	2.742	2.526	7.9	67	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.228	-9.1	81	0.00
82 T	4-Chlorotoluene	2.424	2.248	7.3	69	0.00
83 T	tert-Butylbenzene	2.317	2.056	11.3	67	0.00
84 T	1,2,4-Trimethylbenzene	2.731	2.630	3.7	70	0.00
85 T	sec-Butylbenzene	3.611	3.154	12.7	67	0.00
86 T	p-Isopropyltoluene	2.955	2.715	8.1	68	0.00
87 T	1,3-Dichlorobenzene	1.792	1.743	2.7	74	0.00
88 T	1,4-Dichlorobenzene	1.775	1.735	2.3	75	0.00
89 T	n-Butylbenzene	2.785	2.438	12.5	67	0.00
90 T	Hexachloroethane	0.608	0.522	14.1	70	0.00
91 T	1,2-Dichlorobenzene	1.573	1.593	-1.3	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.101	-9.8	82	0.00
93 T	1,2,4-Trichlorobenzene	0.915	0.881	3.7	70	0.00
94 T	Hexachlorobutadiene	0.467	0.378	19.1	63	0.00
95 T	Naphthalene	1.700	1.906	-12.1	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.832	0.812	2.4	70	0.00

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