

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076503.D
 Acq On : 20 Jun 2023 20:49
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 06:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 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	88	0.00
2 T	Dichlorodifluoromethane	0.380	0.344	9.5	89	0.00
3 P	Chloromethane	0.790	0.722	8.6	85	0.00
4 C	Vinyl Chloride	0.881	0.794	9.9#	82	0.00
5 T	Bromomethane	0.573	0.475	17.1	81	0.00
6 T	Chloroethane	0.604	0.566	6.3	87	0.00
7 T	Trichlorofluoromethane	0.725	0.679	6.3	92	0.00
8 T	Diethyl Ether	0.273	0.243	11.0	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.467	0.451	3.4	93	0.00
10 T	Methyl Iodide	0.554	0.559	-0.9	86	0.00
11 T	Tert butyl alcohol	0.043	0.035	18.6	76	0.01
12 CM	1,1-Dichloroethene	0.458	0.429	6.3#	87	0.00
13 T	Acrolein	0.047	0.037	21.3	72	0.00
14 T	Allyl chloride	0.837	0.734	12.3	79	0.00
15 T	Acrylonitrile	0.140	0.128	8.6	77	0.00
16 T	Acetone	0.119	0.097	18.5	66	0.00
17 T	Carbon Disulfide	1.250	1.129	9.7	82	0.00
18 T	Methyl Acetate	0.549	0.496	9.7	77	0.00
19 T	Methyl tert-butyl Ether	1.251	1.202	3.9	82	0.00
20 T	Methylene Chloride	0.884	0.797	9.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.529	0.494	6.6	84	0.00
22 T	Diisopropyl ether	1.809	1.724	4.7	81	0.00
23 T	Vinyl Acetate	0.897	0.836	6.8	78	0.00
24 P	1,1-Dichloroethane	1.010	0.961	4.9	84	0.00
25 T	2-Butanone	0.184	0.162	12.0	74	0.00
26 T	2,2-Dichloropropane	0.871	0.726	16.6	76	0.00
27 T	cis-1,2-Dichloroethene	0.640	0.615	3.9	83	-0.01
28 T	Bromochloromethane	0.322	0.277	14.0	81	0.00
29 T	Tetrahydrofuran	0.118	0.106	10.2	76	0.00
30 C	Chloroform	1.000	0.985	1.5#	87	0.00
31 T	Cyclohexane	0.840	0.722	14.0	87	0.00
32 T	1,1,1-Trichloroethane	0.809	0.791	2.2	89	0.00
33 S	1,2-Dichloroethane-d4	0.501	0.483	3.6	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.297	0.310	-4.4	89	0.00
36 T	1,1-Dichloropropene	0.416	0.394	5.3	86	0.00
37 T	Ethyl Acetate	0.241	0.224	7.1	81	0.00
38 T	Carbon Tetrachloride	0.372	0.364	2.2	88	0.00
39 T	Methylcyclohexane	0.488	0.469	3.9	89	0.00
40 TM	Benzene	1.268	1.236	2.5	85	0.00
41 T	Methacrylonitrile	0.136	0.130	4.4	78	0.00
42 TM	1,2-Dichloroethane	0.343	0.350	-2.0	85	0.00
43 T	Isopropyl Acetate	0.456	0.424	7.0	78	0.00
44 TM	Trichloroethene	0.342	0.332	2.9	86	0.00
45 C	1,2-Dichloropropane	0.344	0.343	0.3#	85	0.00
46 T	Dibromomethane	0.184	0.190	-3.3	86	0.00
47 T	Bromodichloromethane	0.441	0.440	0.2	85	0.00
48 T	Methyl methacrylate	0.209	0.192	8.1	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.126	1.113	1.2	85	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.225	3.4	79	0.00
52 CM	Toluene	0.796	0.789	0.9#	86	0.00
53 T	t-1,3-Dichloropropene	0.447	0.434	2.9	79	0.00
54 T	cis-1,3-Dichloropropene	0.530	0.527	0.6	84	0.00
55 T	1,1,2-Trichloroethane	0.258	0.262	-1.6	87	0.00
56 T	Ethyl methacrylate	0.337	0.330	2.1	80	0.00
57 T	1,3-Dichloropropane	0.441	0.440	0.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.130	9.1	80	0.00
59 T	2-Hexanone	0.162	0.151	6.8	76	0.00
60 T	Dibromochloromethane	0.300	0.311	-3.7	86	0.00
61 T	1,2-Dibromoethane	0.242	0.248	-2.5	87	0.00
62 S	4-Bromofluorobenzene	0.366	0.371	-1.4	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.300	0.315	-5.0	97	0.00
65 PM	Chlorobenzene	0.950	0.917	3.5	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.341	-0.3	87	0.00
67 C	Ethyl Benzene	1.683	1.628	3.3#	87	0.00
68 T	m/p-Xylenes	0.657	0.639	2.7	88	0.00
69 T	o-Xylene	0.625	0.620	0.8	89	0.00
70 T	Styrene	1.080	1.062	1.7	88	0.00
71 P	Bromoform	0.204	0.210	-2.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.366	3.149	6.4	90	0.00
74 T	N-amyl acetate	0.986	0.871	11.7	79	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.668	3.9	86	0.00
76 T	1,2,3-Trichloropropane	0.496	0.418	15.7	82	0.00
77 T	Bromobenzene	0.831	0.797	4.1	91	0.00
78 T	n-propylbenzene	4.157	3.885	6.5	90	0.00
79 T	2-Chlorotoluene	2.283	2.129	6.7	88	0.00
80 T	1,3,5-Trimethylbenzene	2.749	2.578	6.2	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.199	11.9	77	0.00
82 T	4-Chlorotoluene	2.370	2.227	6.0	89	0.00
83 T	tert-Butylbenzene	2.443	2.315	5.2	92	0.00
84 T	1,2,4-Trimethylbenzene	2.770	2.654	4.2	90	0.00
85 T	sec-Butylbenzene	3.625	3.497	3.5	93	0.00
86 T	p-Isopropyltoluene	3.029	2.897	4.4	92	0.00
87 T	1,3-Dichlorobenzene	1.631	1.550	5.0	89	0.00
88 T	1,4-Dichlorobenzene	1.627	1.557	4.3	91	0.00
89 T	n-Butylbenzene	2.954	2.705	8.4	88	0.00
90 T	Hexachloroethane	0.559	0.521	6.8	89	0.00
91 T	1,2-Dichlorobenzene	1.426	1.399	1.9	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.093	11.4	82	0.00
93 T	1,2,4-Trichlorobenzene	0.950	0.906	4.6	90	0.00
94 T	Hexachlorobutadiene	0.462	0.454	1.7	97	0.00
95 T	Naphthalene	1.900	1.740	8.4	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.828	0.786	5.1	88	0.00

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