

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075245.D
 Acq On : 30 Jan 2023 18:34
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 00:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 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	68	0.00
2 T	Dichlorodifluoromethane	0.435	0.399	8.3	74	0.00
3 P	Chloromethane	0.646	0.639	1.1	71	0.00
4 C	Vinyl Chloride	0.693	0.676	2.5#	70	0.00
5 T	Bromomethane	0.471	0.419	11.0	63	0.00
6 T	Chloroethane	0.481	0.474	1.5	68	0.00
7 T	Trichlorofluoromethane	0.881	0.952	-8.1	76	0.00
8 T	Diethyl Ether	0.284	0.276	2.8	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.579	-6.4	76	0.00
10 T	Methyl Iodide	0.732	0.669	8.6	57	0.00
11 T	Tert butyl alcohol	0.036	0.029	19.4	60	0.00
12 CM	1,1-Dichloroethene	0.573	0.556	3.0#	67	0.00
13 T	Acrolein	0.035	0.023	34.3#	54	0.00
14 T	Allyl chloride	0.929	0.909	2.2	64	0.00
15 T	Acrylonitrile	0.120	0.130	-8.3	68	0.00
16 T	Acetone	0.135	0.143	-5.9	61	0.00
17 T	Carbon Disulfide	1.857	1.707	8.1	63	0.00
18 T	Methyl Acetate	0.366	0.400	-9.3	70	0.00
19 T	Methyl tert-butyl Ether	1.196	1.266	-5.9	67	0.00
20 T	Methylene Chloride	0.849	0.691	18.6	59	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.634	0.5	66	-0.01
22 T	Diisopropyl ether	1.729	1.852	-7.1	69	0.00
23 T	Vinyl Acetate	0.762	0.767	-0.7	66	0.00
24 P	1,1-Dichloroethane	1.087	1.154	-6.2	71	0.00
25 T	2-Butanone	0.163	0.174	-6.7	65	0.00
26 T	2,2-Dichloropropane	0.969	0.942	2.8	67	0.00
27 T	cis-1,2-Dichloroethene	0.695	0.717	-3.2	67	0.00
28 T	Bromochloromethane	0.297	0.300	-1.0	69	0.00
29 T	Tetrahydrofuran	0.093	0.103	-10.8	69	0.00
30 C	Chloroform	1.084	1.146	-5.7#	70	0.00
31 T	Cyclohexane	1.023	0.982	4.0	71	0.00
32 T	1,1,1-Trichloroethane	0.934	1.027	-10.0	75	0.00
33 S	1,2-Dichloroethane-d4	0.510	0.552	-8.2	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.302	0.324	-7.3	66	0.00
36 T	1,1-Dichloropropene	0.485	0.524	-8.0	72	0.00
37 T	Ethyl Acetate	0.196	0.226	-15.3	73	0.00
38 T	Carbon Tetrachloride	0.409	0.463	-13.2	75	0.00
39 T	Methylcyclohexane	0.598	0.611	-2.2	70	0.00
40 TM	Benzene	1.384	1.487	-7.4	68	0.00
41 T	Methacrylonitrile	0.118	0.106	10.2	61	0.00
42 TM	1,2-Dichloroethane	0.364	0.423	-16.2	73	0.00
43 T	Isopropyl Acetate	0.381	0.423	-11.0	69	0.00
44 TM	Trichloroethene	0.389	0.404	-3.9	66	0.00
45 C	1,2-Dichloropropane	0.341	0.370	-8.5#	69	0.00
46 T	Dibromomethane	0.180	0.201	-11.7	69	0.00
47 T	Bromodichloromethane	0.446	0.512	-14.8	71	0.00
48 T	Methyl methacrylate	0.186	0.201	-8.1	70	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	74	0.00
50 S	Toluene-d8	1.190	1.249	-5.0	67	0.00
51 T	4-Methyl-2-Pentanone	0.183	0.218	-19.1	75	0.00
52 CM	Toluene	0.875	0.961	-9.8#	69	0.00
53 T	t-1,3-Dichloropropene	0.422	0.458	-8.5	67	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.560	-8.5	66	0.00
55 T	1,1,2-Trichloroethane	0.238	0.271	-13.9	70	0.00
56 T	Ethyl methacrylate	0.286	0.320	-11.9	67	0.00
57 T	1,3-Dichloropropane	0.409	0.453	-10.8	67	0.00
58 T	2-Chloroethyl Vinyl ether	0.098	0.102	-4.1	69	0.00
59 T	2-Hexanone	0.132	0.151	-14.4	69	0.00
60 T	Dibromochloromethane	0.287	0.333	-16.0	71	0.00
61 T	1,2-Dibromoethane	0.227	0.258	-13.7	70	0.00
62 S	4-Bromofluorobenzene	0.378	0.399	-5.6	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.357	0.372	-4.2	69	0.00
65 PM	Chlorobenzene	1.025	1.107	-8.0	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.345	0.399	-15.7	74	0.00
67 C	Ethyl Benzene	1.844	2.060	-11.7#	72	0.00
68 T	m/p-Xylenes	0.712	0.789	-10.8	72	0.00
69 T	o-Xylene	0.668	0.751	-12.4	70	0.00
70 T	Styrene	1.111	1.258	-13.2	71	0.00
71 P	Bromoform	0.178	0.214	-20.2	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.949	4.074	-3.2	74	0.00
74 T	N-amyl acetate	0.865	0.890	-2.9	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.629	0.689	-9.5	75	0.00
76 T	1,2,3-Trichloropropane	0.423	0.414	2.1	73	0.00
77 T	Bromobenzene	0.902	0.919	-1.9	70	0.00
78 T	n-propylbenzene	4.853	4.971	-2.4	73	0.00
79 T	2-Chlorotoluene	2.669	2.738	-2.6	72	0.00
80 T	1,3,5-Trimethylbenzene	3.236	3.407	-5.3	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.183	0.178	2.7	68	0.00
82 T	4-Chlorotoluene	2.744	2.831	-3.2	73	0.00
83 T	tert-Butylbenzene	2.800	2.898	-3.5	74	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.332	-4.8	74	0.00
85 T	sec-Butylbenzene	4.253	4.510	-6.0	77	0.00
86 T	p-Isopropyltoluene	3.482	3.699	-6.2	76	0.00
87 T	1,3-Dichlorobenzene	1.749	1.839	-5.1	73	0.00
88 T	1,4-Dichlorobenzene	1.720	1.791	-4.1	73	0.00
89 T	n-Butylbenzene	3.393	3.558	-4.9	76	0.00
90 T	Hexachloroethane	0.615	0.662	-7.6	78	0.00
91 T	1,2-Dichlorobenzene	1.496	1.589	-6.2	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.107	-11.5	73	0.00
93 T	1,2,4-Trichlorobenzene	0.982	0.976	0.6	69	0.00
94 T	Hexachlorobutadiene	0.481	0.505	-5.0	75	0.00
95 T	Naphthalene	1.956	1.884	3.7	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.868	-3.6	71	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6