

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075057.D
 Acq On : 27 Dec 2022 17:12
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 01:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 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	81	0.00
2 T	Dichlorodifluoromethane	0.271	0.253	6.6	96	0.00
3 P	Chloromethane	0.463	0.472	-1.9	97	0.00
4 C	Vinyl Chloride	0.415	0.451	-8.7#	101	0.00
5 T	Bromomethane	0.210	0.202	3.8	95	0.00
6 T	Chloroethane	0.263	0.283	-7.6	97	0.00
7 T	Trichlorofluoromethane	0.636	0.667	-4.9	97	0.00
8 T	Diethyl Ether	0.244	0.274	-12.3	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.448	0.482	-7.6	97	0.00
10 T	Methyl Iodide	0.385	0.330	14.3	75	0.00
11 T	Tert butyl alcohol	0.042	0.043	-2.4	93	0.01
12 CM	1,1-Dichloroethene	0.433	0.444	-2.5#	93	0.00
13 T	Acrolein	0.059	0.055	6.8	84	0.00
14 T	Allyl chloride	0.754	0.802	-6.4	90	0.00
15 T	Acrylonitrile	0.124	0.145	-16.9	94	0.00
16 T	Acetone	0.127	0.164	-29.1#	98	0.00
17 T	Carbon Disulfide	0.899	0.833	7.3	91	0.00
18 T	Methyl Acetate	0.364	0.332	8.8	90	0.00
19 T	Methyl tert-butyl Ether	1.151	1.345	-16.9	97	0.00
20 T	Methylene Chloride	0.721	0.649	10.0	92	0.01
21 T	trans-1,2-Dichloroethene	0.481	0.492	-2.3	93	0.00
22 T	Diisopropyl ether	1.624	1.801	-10.9	94	0.00
23 T	Vinyl Acetate	0.734	0.917	-24.9	94	0.00
24 P	1,1-Dichloroethane	0.948	1.026	-8.2	94	0.00
25 T	2-Butanone	0.169	0.204	-20.7	98	0.00
26 T	2,2-Dichloropropane	0.847	0.893	-5.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.606	0.663	-9.4	94	0.00
28 T	Bromochloromethane	0.328	0.356	-8.5	90	0.00
29 T	Tetrahydrofuran	0.098	0.110	-12.2	95	0.00
30 C	Chloroform	0.926	1.035	-11.8#	95	0.00
31 T	Cyclohexane	0.796	0.732	8.0	92	0.00
32 T	1,1,1-Trichloroethane	0.801	0.856	-6.9	95	0.00
33 S	1,2-Dichloroethane-d4	0.489	0.558	-14.1	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.294	0.322	-9.5	93	0.00
36 T	1,1-Dichloropropene	0.380	0.370	2.6	91	0.00
37 T	Ethyl Acetate	0.192	0.213	-10.9	99	0.00
38 T	Carbon Tetrachloride	0.329	0.350	-6.4	96	0.00
39 T	Methylcyclohexane	0.462	0.447	3.2	94	0.00
40 TM	Benzene	1.157	1.184	-2.3	93	0.00
41 T	Methacrylonitrile	0.119	0.125	-5.0	94	0.00
42 TM	1,2-Dichloroethane	0.295	0.322	-9.2	95	0.00
43 T	Isopropyl Acetate	0.386	0.423	-9.6	96	0.00
44 TM	Trichloroethene	0.319	0.324	-1.6	94	0.00
45 C	1,2-Dichloropropane	0.310	0.327	-5.5#	93	0.00
46 T	Dibromomethane	0.154	0.168	-9.1	96	0.00
47 T	Bromodichloromethane	0.401	0.430	-7.2	93	0.00
48 T	Methyl methacrylate	0.175	0.186	-6.3	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50 S	Toluene-d8	1.189	1.205	-1.3	86	0.00
51 T	4-Methyl-2-Pentanone	0.191	0.217	-13.6	97	0.00
52 CM	Toluene	0.737	0.728	1.2#	91	0.00
53 T	t-1,3-Dichloropropene	0.391	0.434	-11.0	94	0.00
54 T	cis-1,3-Dichloropropene	0.471	0.503	-6.8	92	0.00
55 T	1,1,2-Trichloroethane	0.226	0.246	-8.8	94	0.00
56 T	Ethyl methacrylate	0.297	0.327	-10.1	94	0.00
57 T	1,3-Dichloropropane	0.377	0.413	-9.5	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.135	-10.7	92	0.00
59 T	2-Hexanone	0.139	0.162	-16.5	97	0.00
60 T	Dibromochloromethane	0.259	0.293	-13.1	97	0.00
61 T	1,2-Dibromoethane	0.202	0.220	-8.9	93	0.00
62 S	4-Bromofluorobenzene	0.385	0.402	-4.4	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.293	0.292	0.3	96	0.00
65 PM	Chlorobenzene	0.913	0.950	-4.1	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.316	0.336	-6.3	94	0.00
67 C	Ethyl Benzene	1.671	1.663	0.5#	93	0.00
68 T	m/p-Xylenes	0.634	0.629	0.8	93	0.00
69 T	o-Xylene	0.610	0.613	-0.5	91	0.00
70 T	Styrene	1.025	1.041	-1.6	92	0.00
71 P	Bromoform	0.172	0.189	-9.9	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.833	3.840	-0.2	93	0.00
74 T	N-amyl acetate	0.973	1.036	-6.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.684	0.740	-8.2	94	0.00
76 T	1,2,3-Trichloropropane	0.513	0.546	-6.4	97	0.00
77 T	Bromobenzene	0.818	0.867	-6.0	96	0.00
78 T	n-propylbenzene	4.695	4.636	1.3	92	0.00
79 T	2-Chlorotoluene	2.565	2.588	-0.9	93	0.00
80 T	1,3,5-Trimethylbenzene	3.091	3.100	-0.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.228	-3.2	90	0.00
82 T	4-Chlorotoluene	2.617	2.658	-1.6	93	0.00
83 T	tert-Butylbenzene	2.737	2.752	-0.5	93	0.00
84 T	1,2,4-Trimethylbenzene	3.007	3.004	0.1	93	0.00
85 T	sec-Butylbenzene	4.202	4.110	2.2	92	0.00
86 T	p-Isopropyltoluene	3.352	3.306	1.4	93	0.00
87 T	1,3-Dichlorobenzene	1.599	1.646	-2.9	95	0.00
88 T	1,4-Dichlorobenzene	1.597	1.685	-5.5	97	0.00
89 T	n-Butylbenzene	3.348	3.291	1.7	93	0.00
90 T	Hexachloroethane	0.596	0.592	0.7	92	0.00
91 T	1,2-Dichlorobenzene	1.413	1.501	-6.2	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.113	-7.6	94	0.00
93 T	1,2,4-Trichlorobenzene	0.928	1.007	-8.5	98	0.00
94 T	Hexachlorobutadiene	0.464	0.453	2.4	91	0.00
95 T	Naphthalene	1.937	2.198	-13.5	98	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)
96 T	1,2,3-Trichlorobenzene	0.797	0.882	-10.7	99	0.00

(#) = Out of Range

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